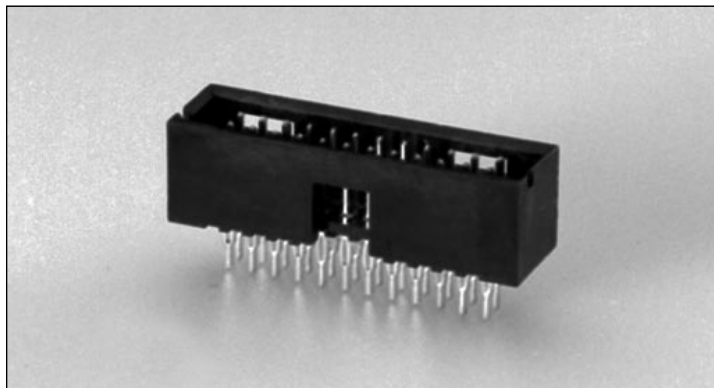


.100" (2.54mm) Dual Row, Through Hole, Vertical, Shrouded, Military Polarization Header



9100 SERIES ("POST/BOXE")

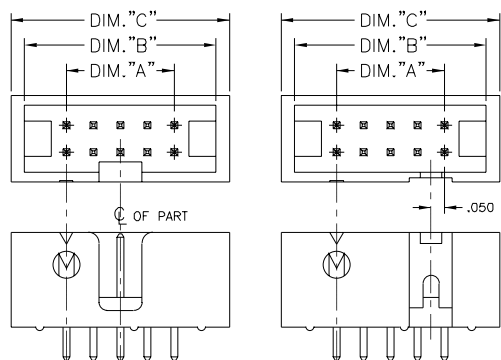
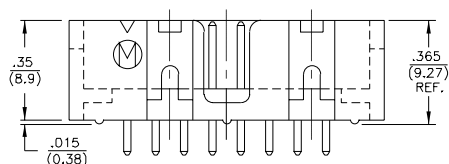
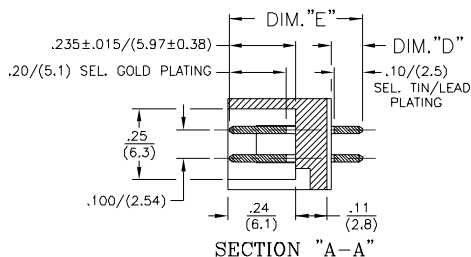
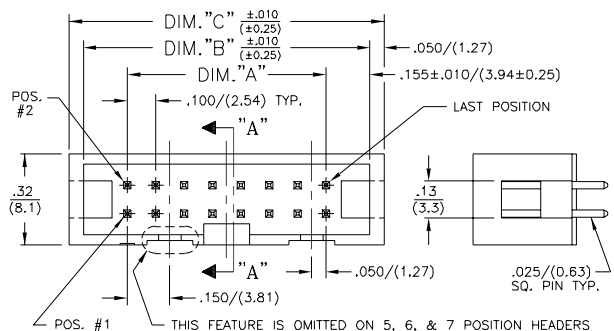
PART NUMBER LEGEND

910X-10-2XX-XX

- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

NOTES:

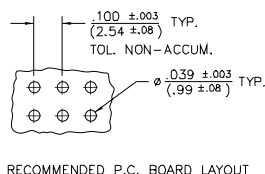
- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL: 910X - GLASS FILLED POLYESTER, U.L. 94 V-0;
- 3) PIN MATERIAL: PHOSPHOR BRONZE.
- 4) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
 9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE (.000050) OVERALL;
 910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE (.000050) OVERALL.



P/N 910X-10-²⁰⁵/₂₀₈-XX
5 & 6 POSITION ONLY

P/N 910X-10-³⁰⁵/₃₀₈-XX
5 & 6 POSITION ONLY

NOTE: ALL OTHER DIMENSIONS ARE THE SAME AS 7 THRU 32 POSITION (SHOWN ABOVE).



PART No.	No. OF POS.	TABLE I "A"	DIM "B"	DIM "C"
910X-10-X05-XX	5	.400/(10.16)	.710/(18.03)	.810/(20.57)
X06	6	.500/(12.70)	.810/(20.57)	.910/(23.11)
207	7	.600/(15.24)	.910/(23.11)	1.010/(25.65)
208	8	.700/(17.78)	1.010/(25.65)	1.110/(28.19)
209	9	.800/(20.32)	1.110/(28.19)	1.210/(30.73)
210	10	.900/(22.86)	1.210/(30.73)	1.310/(33.27)
211	11	1.000/(25.40)	1.310/(33.27)	1.410/(35.81)
212	12	1.100/(27.94)	1.410/(35.81)	1.510/(38.35)
213	13	1.200/(30.48)	1.510/(38.35)	1.610/(40.89)
214	14	1.300/(33.02)	1.610/(40.89)	1.710/(43.43)
215	15	1.400/(35.56)	1.710/(43.43)	1.810/(45.97)
216	16	1.500/(38.10)	1.810/(45.97)	1.910/(48.51)
217	17	1.600/(40.64)	1.910/(48.51)	2.010/(51.05)
218	18	1.700/(43.18)	2.010/(51.05)	2.110/(53.59)
219	19	1.800/(45.72)	2.110/(53.59)	2.210/(56.13)
220	20	1.900/(48.26)	2.210/(56.13)	2.310/(58.67)
221	21	2.000/(50.80)	2.310/(58.67)	2.410/(61.21)
222	22	2.100/(53.34)	2.410/(61.21)	2.510/(63.75)
223	23	2.200/(55.88)	2.510/(63.75)	2.610/(66.29)
224	24	2.300/(58.42)	2.610/(66.29)	2.710/(68.83)
225	25	2.400/(60.96)	2.710/(68.83)	2.810/(71.37)
226	26	2.500/(63.50)	2.810/(71.37)	2.910/(73.91)
227	27	2.600/(66.04)	2.910/(73.91)	3.010/(76.45)
228	28	2.700/(68.58)	3.010/(76.45)	3.110/(78.99)
229	29	2.800/(71.12)	3.110/(78.99)	3.210/(81.53)
230	30	2.900/(73.66)	3.210/(81.53)	3.310/(84.07)
231	31	3.000/(76.20)	3.310/(84.07)	3.410/(86.61)
910X-10-232-XX	32	3.100/(78.74)	3.410/(86.61)	3.510/(89.15)

PART No.	DIM "D"	DIM "E"
910X-10-XXX-01	.125 $\pm .015$ (3.18 ± 0.38)	.485 $\pm .015$ (12.31 ± 0.38)
910X-10-XXX-02	.110 $\pm .015$ (2.79 ± 0.38)	.470 $\pm .015$ (11.94 ± 0.38)



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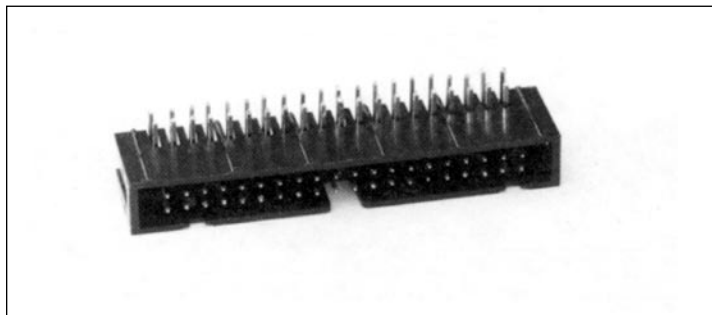
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.100" (2.54mm) Dual Row, Through Hole, Right Angle, Military Polarization Header



9100 SERIES ("POST/BOXE")

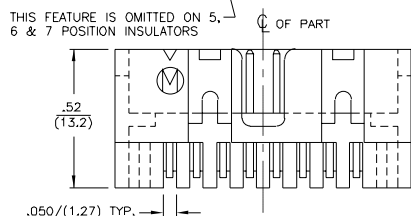
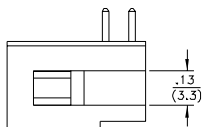
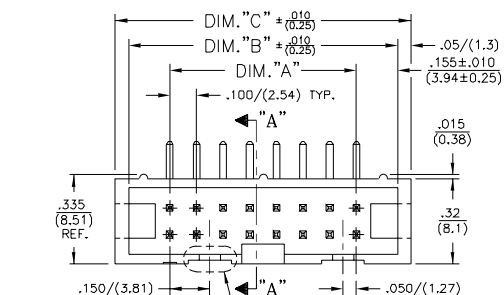
PART NUMBER LEGEND

910X-11-2XX-XX

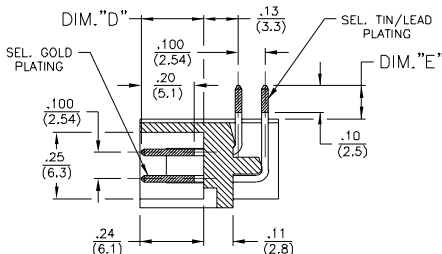
- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

NOTES:

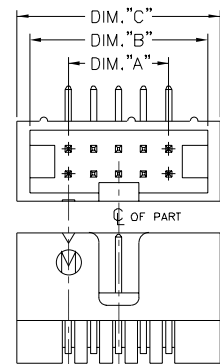
- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL:
910X - POLYESTER (PBT), 30% G/R, U.L. 94 V-O,
COLOR IS BLACK;
- 3) PIN MATERIAL: PHOSPHOR BRONZE.
- 4) PIN FINISH:
9100 - TIN/LEAD OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/
LEAD (.0001/.0002) WITH NICKEL UNDER-
PLATE (.000050) OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/
LEAD (.0001/.0002) WITH NICKEL UNDER-
PLATE (.000050) OVERALL.



7 THRU 32 POSITION PARTS

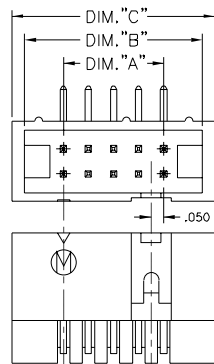


SECTION "A-A"

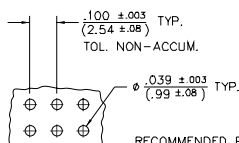


P/N 910X-11-205-XX 5 & 6 POSITION ONLY

NOTE: ALL OTHER DIMENSIONS ARE THE SAME AS 7 THRU 32 POSITION (SHOWN ABOVE).



P/N 910X-11-305-XX 5 & 6 POSITION ONLY



RECOMMENDED P.C. BOARD LAYOUT

PART No.	No. OF POS.	DIM "A"	DIM "B"	DIM "C"
910X-11-X05-XX	10	.400/(10.16)	.710/(18.03)	.810/(20.57)
X06	12	.500/(12.70)	.810/(20.57)	.910/(23.11)
207	14	.600/(15.24)	.910/(23.11)	1.010/(25.65)
208	16	.700/(17.78)	1.010/(25.65)	1.110/(28.19)
209	18	.800/(20.32)	1.110/(28.19)	1.210/(30.73)
210	20	.900/(22.86)	1.210/(30.73)	1.310/(33.27)
211	22	1.000/(25.40)	1.310/(33.27)	1.410/(35.81)
212	24	1.100/(27.94)	1.410/(35.81)	1.510/(38.35)
213	26	1.200/(30.48)	1.510/(38.35)	1.610/(40.89)
214	28	1.300/(33.02)	1.610/(40.89)	1.710/(43.43)
215	30	1.400/(35.56)	1.710/(43.43)	1.810/(45.97)
216	32	1.500/(38.10)	1.810/(45.97)	1.910/(48.51)
217	34	1.600/(40.64)	1.910/(48.51)	2.010/(51.05)
218	36	1.700/(43.18)	2.010/(51.05)	2.110/(53.59)
219	38	1.800/(45.72)	2.110/(53.59)	2.210/(56.13)
220	40	1.900/(48.26)	2.210/(56.13)	2.310/(58.67)
221	42	2.000/(50.80)	2.310/(58.67)	2.410/(61.21)
222	44	2.100/(53.34)	2.410/(61.21)	2.510/(63.75)
223	46	2.200/(55.88)	2.510/(63.75)	2.610/(66.29)
224	48	2.300/(58.42)	2.610/(66.29)	2.710/(68.83)
225	50	2.400/(60.96)	2.710/(68.83)	2.810/(71.37)
226	52	2.500/(63.50)	2.810/(71.37)	2.910/(73.91)
227	54	2.600/(66.04)	2.910/(73.91)	3.010/(76.45)
228	56	2.700/(68.58)	3.010/(76.45)	3.110/(78.99)
229	58	2.800/(71.12)	3.110/(78.99)	3.210/(81.53)
230	60	2.900/(73.66)	3.210/(81.53)	3.310/(84.07)
231	62	3.000/(76.20)	3.310/(84.07)	3.410/(86.61)
910X-11-232-XX	64	3.100/(78.74)	3.410/(86.61)	3.510/(89.15)

PART No.	DIM "D"	DIM "E"
910X-11-XXX-01	.235±.015 (5.97±0.38)	.125±.015 (3.18±0.38)
910X-11-XXX-02	.235±.015 (5.97±0.38)	.090±.015 (2.29±0.38)



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Far East:

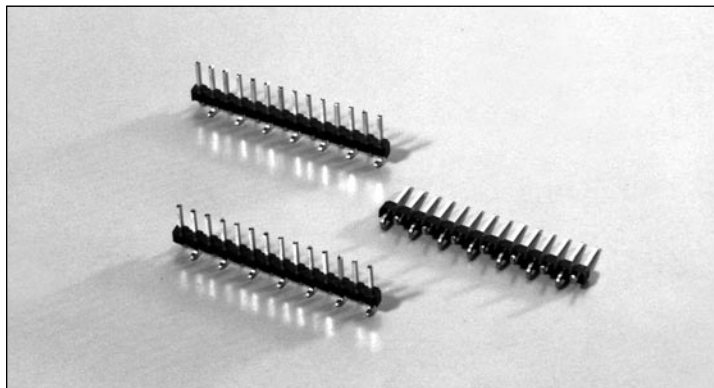
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.100" (2.54mm) Single Row, Surface Mount, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

910X-21-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 2)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) MATERIALS: INSULATOR - POLYESTER(PET), 30% G.R., U.L. 94V-0, COLOR IS BLACK;
PINS - PHOSPHOR BRONZE.
- 2) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK).
9103 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050/.000150 THICK).
910F - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050/.000150 THICK).
- 3) PIN RETENTION: 2 LB MINIMUM.

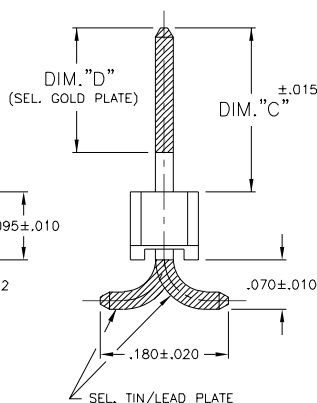
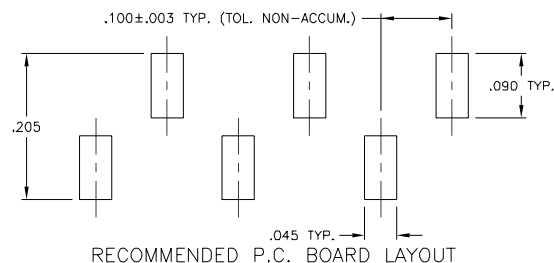
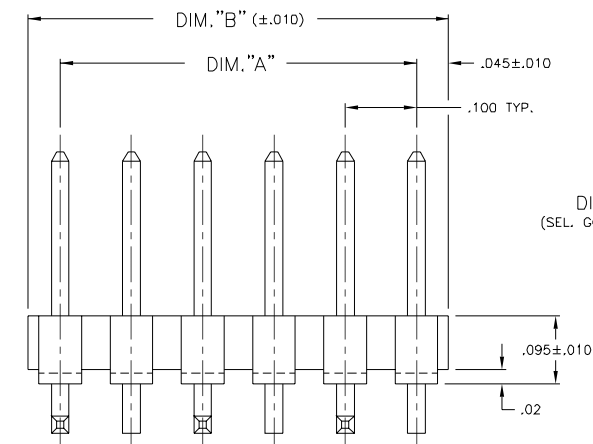
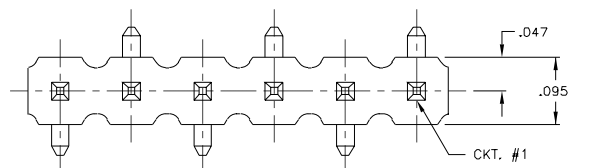


TABLE I

PART No.	No. OF POS.	DIM "A"	DIM "B"
910X-21-102-XX	2	.100	.190
↑ -103- ↓	3	.200	.290
↑ -104- ↓	4	.300	.390
↑ -105- ↓	5	.400	.490
↑ -106- ↓	6	.500	.590
↑ -107- ↓	7	.600	.690
↑ -108- ↓	8	.700	.790
↑ -109- ↓	9	.800	.890
↑ -110- ↓	10	.900	.990
↑ -111- ↓	11	1.000	1.090
↑ -112- ↓	12	1.100	1.190
↑ -113- ↓	13	1.200	1.290
↑ -114- ↓	14	1.300	1.390
↑ -115- ↓	15	1.400	1.490
↑ -116- ↓	16	1.500	1.590
↑ -117- ↓	17	1.600	1.690
↑ -118- ↓	18	1.700	1.790
↑ -119- ↓	19	1.800	1.890
↑ -120- ↓	20	1.900	1.990
↑ -121- ↓	21	2.000	2.090
↑ -122- ↓	22	2.100	2.190
↑ -123- ↓	23	2.200	2.290
↑ -124- ↓	24	2.300	2.390
↑ -125- ↓	25	2.400	2.490
↑ -126- ↓	26	2.500	2.590
↑ -127- ↓	27	2.600	2.690
↑ -128- ↓	28	2.700	2.790
↑ -129- ↓	29	2.800	2.890
↑ -130- ↓	30	2.900	2.990
↑ -131- ↓	31	3.000	3.090
↑ -132- ↓	32	3.100	3.190
↑ -133- ↓	33	3.200	3.290
↑ -134- ↓	34	3.300	3.390
↑ -135- ↓	35	3.400	3.490
↑ -136- ↓	36	3.500	3.590
↑ -137- ↓	37	3.600	3.690
↑ -138- ↓	38	3.700	3.790
↑ -139- ↓	39	3.800	3.890
↑ -140- ↓	40	3.900	3.990

TABLE II

PART No.	DIM "C"	DIM "D"
910X-21-1XX-01	.230	.160
910X-21-1XX-02	.320	.200



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Far East:

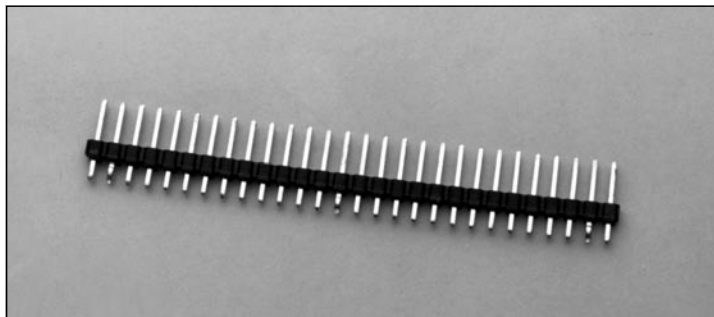
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.100" (2.54mm) Single Row, Through Hole, Vertical Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-31-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 3)

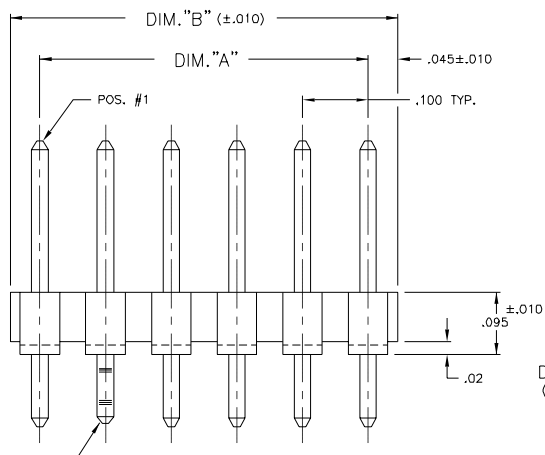
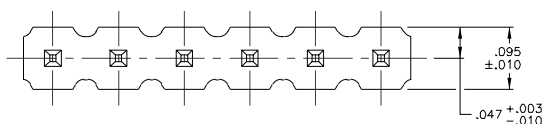
INSULATOR MATERIAL (SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

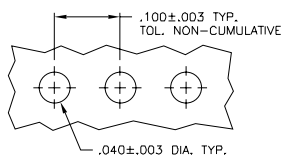
NOTES:

- 1) INSULATOR MATERIAL: 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH: 9100 - TIN OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
9108 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
910E - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);

3) PIN RETENTION: 2 LB. MINIMUM.



1ST RETENTION TAIL TO BE FORMED AT POS. #2, TYPICAL FOR 3-THRU-40 POS. ASSEMBLIES ONLY; SEE TABLE I FOR 2ND & 3RD FORMED TAIL LOCATIONS; SEE DETAIL "A" FOR TAIL FORM CONFIGURATION FOR 2 POS. ASS'Y.



RECOMMENDED P.C. BOARD LAYOUT

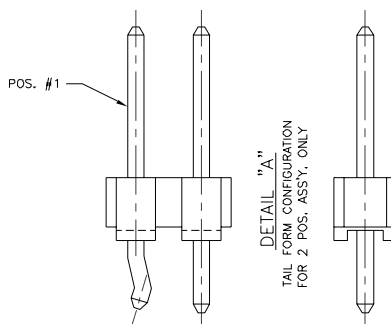
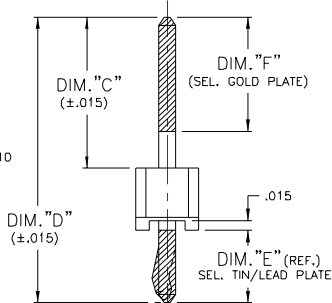


TABLE II					
PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"	
910X-31-1XX-01	.230	.435	.110	.160	
910X-31-1XX-02	.320	.525	.110	.200	
910X-31-1XX-03	.495	.700	.110	.200	
910X-31-1XX-04	.185	.390	.110	---	

TABLE I					2ND TAIL POS.	3RD TAIL POS.
PART No.	No. OF POS.	DIM "A"	DIM "B"			
910X-31-102-XX	2	.100	.190	---	---	---
↑ 103-↑	3	.200	.290	---	---	---
↑ 104-↑	4	.300	.390	---	---	---
↑ 105-↑	5	.400	.490	4	---	---
↑ 106-↑	6	.500	.590	5	---	---
↑ 107-↑	7	.600	.690	6	---	---
↑ 108-↑	8	.700	.790	7	---	---
↑ 109-↑	9	.800	.890	8	---	---
↑ 110-↑	10	.900	.990	9	---	---
↑ 111-↑	11	1.000	1.090	10	---	---
↑ 112-↑	12	1.100	1.190	11	---	---
↑ 113-↑	13	1.200	1.290	12	---	---
↑ 114-↑	14	1.300	1.390	13	---	---
↑ 115-↑	15	1.400	1.490	14	---	---
↑ 116-↑	16	1.500	1.590	15	---	---
↑ 117-↑	17	1.600	1.690	16	---	---
↑ 118-↑	18	1.700	1.790	17	---	---
↑ 119-↑	19	1.800	1.890	18	---	---
↑ 120-↑	20	1.900	1.990	19	---	---
↑ 121-↑	21	2.000	2.090	20	11	---
↑ 122-↑	22	2.100	2.190	21	11	---
↑ 123-↑	23	2.200	2.290	22	12	---
↑ 124-↑	24	2.300	2.390	23	12	---
↑ 125-↑	25	2.400	2.490	24	13	---
↑ 126-↑	26	2.500	2.590	25	13	---
↑ 127-↑	27	2.600	2.690	26	14	---
↑ 128-↑	28	2.700	2.790	27	14	---
↑ 129-↑	29	2.800	2.890	28	15	---
↑ 130-↑	30	2.900	2.990	29	15	---
↑ 131-↑	31	3.000	3.090	30	16	---
↑ 132-↑	32	3.100	3.190	31	16	---
↑ 133-↑	33	3.200	3.290	32	17	---
↑ 134-↑	34	3.300	3.390	33	17	---
↑ 135-↑	35	3.400	3.490	34	18	---
↑ 136-↑	36	3.500	3.590	35	18	---
↑ 137-↑	37	3.600	3.690	36	19	---
↑ 138-↑	38	3.700	3.790	37	19	---
↑ 139-↑	39	3.800	3.890	38	20	---
↑ 140-↑	40	3.900	3.990	39	20	---



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Far East:

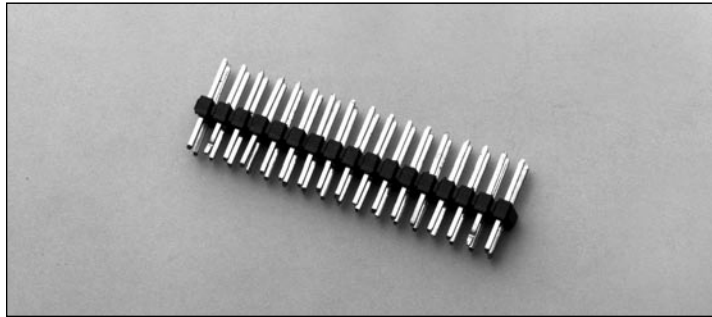
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1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

.100" (2.54mm) Dual Row, Through Hole, Vertical Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-31-2XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS PER ROW
(SEE TABLE I)

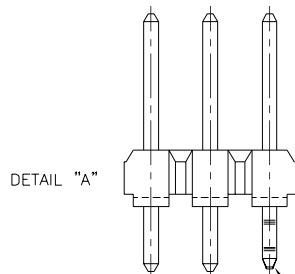
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL (SEE NOTE 1)

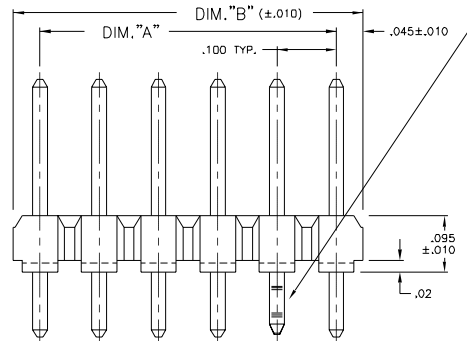
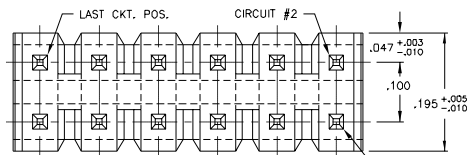
MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) INSULATOR MATERIAL: 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
910B - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
910F - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK).



RETENTION TAIL TO BE FORMED AT POS. #1, TYPICAL FOR 2 & 4 POS. ASSEMBLIES; SEE TABLE I FOR 2ND FORMED TAIL LOCATION



1ST RETENTION TAIL TO BE FORMED AT POS. #3, TYPICAL FOR 5-THRU-80 POS. ASS'Y.; SEE TABLE I FOR 2ND & 3RD FORMED TAIL LOCATIONS; SEE DETAIL "A" FOR TAIL FORM CONFIGURATION FOR 2, 3 AND 4 POS. ASS'Y.

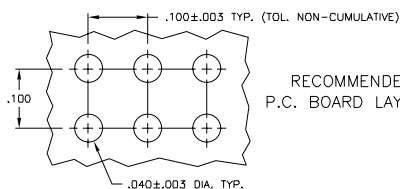
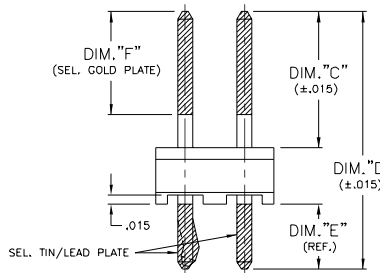
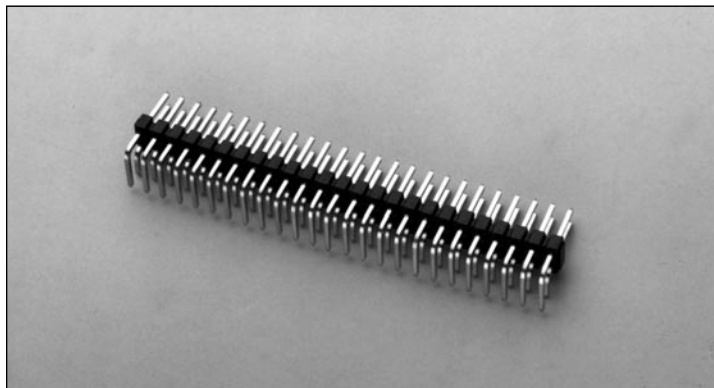


TABLE II				
PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"
910X-31-2XX-01	.230	.435	.110	.160
910X-31-2XX-02	.320	.525	.110	.200
910X-31-2XX-03	.820	1.030	.115	.200
910X-31-2XX-04	.585	.785	.105	.200

TABLE I					2ND TAIL POS.	3RD TAIL POS.
PART No.	No. OF POS.	DIM "A"	DIM "B"			
910X-31-201-XX	2	---	.090	---	---	---
202	4	.100	.190	3	---	---
203	6	.200	.290	5	---	---
204	8	.300	.390	7	---	---
205	10	.400	.490	7	---	---
206	12	.500	.590	9	---	---
207	14	.600	.690	11	---	---
208	16	.700	.790	13	---	---
209	18	.800	.890	15	---	---
210	20	.900	.990	17	---	---
211	22	1.000	1.090	19	---	---
212	24	1.100	1.190	21	---	---
213	26	1.200	1.290	23	---	---
214	28	1.300	1.390	25	---	---
215	30	1.400	1.490	27	---	---
216	32	1.500	1.590	29	---	---
217	34	1.600	1.690	31	---	---
218	36	1.700	1.790	33	---	---
219	38	1.800	1.890	35	---	---
220	40	1.900	1.990	37	---	---
221	42	2.000	2.090	39	21	---
222	44	2.100	2.190	41	21	---
223	46	2.200	2.290	43	23	---
224	48	2.300	2.390	45	23	---
225	50	2.400	2.490	47	25	---
226	52	2.500	2.590	49	25	---
227	54	2.600	2.690	51	27	---
228	56	2.700	2.790	53	27	---
229	58	2.800	2.890	55	29	---
230	60	2.900	2.990	57	29	---
231	62	3.000	3.090	59	31	---
232	64	3.100	3.190	61	31	---
233	66	3.200	3.290	63	33	---
234	68	3.300	3.390	65	33	---
235	70	3.400	3.490	67	35	---
236	72	3.500	3.590	69	35	---
237	74	3.600	3.690	71	37	---
238	76	3.700	3.790	73	37	---
239	78	3.800	3.890	75	39	---
910X-31-240-XX	80	3.900	3.990	77	39	---

.100" (2.54mm) Dual Row, Through Hole, Right Angle, Low Profile Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-4-2XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS PER ROW
(SEE TABLE I)

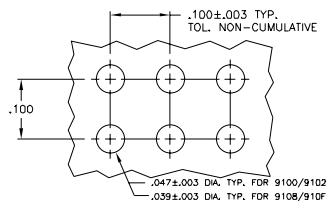
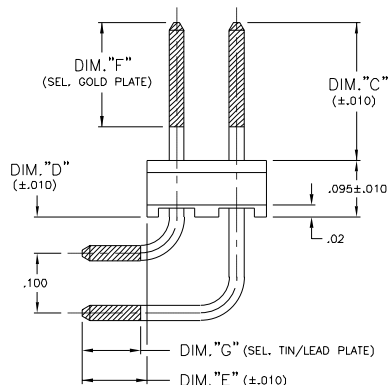
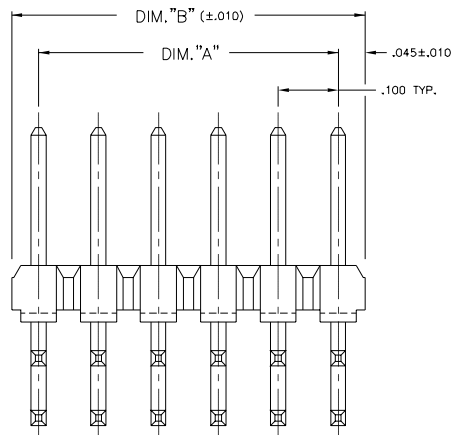
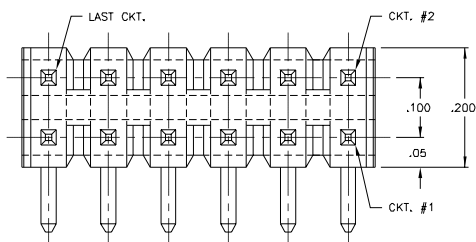
PIN PLATING
(SEE NOTE 2)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) MATERIALS: INSULATOR - 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
PINS - PHOSPHOR BRONZE.
- 2) PIN FINISH: 9100 - TIN/LEAD OVER NICKEL PLATE;
9102 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK);
9108 - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
910F - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK);
- 3) PIN RETENTION: 2 LB. MINIMUM.



RECOMMENDED P.C. BOARD LAYOUT

PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"
910X-4-2XX-01	.420	.090	.110	.200	.120
910X-4-2XX-02	.240	.065	.092	.200	.120
910X-4-2XX-03	.320	.097	.110	.200	.120
910X-4-2XX-04	.230	.060	.083	.200	.120
910X-4-2XX-05	.230	.060	.095	.165	.120

PART No.	No. OF POS.	DIM "A"	DIM "B"
910X-4-202-XX	4	.100	.190
↑ -203- ↑	6	.200	.290
↑ -204- ↑	8	.300	.390
↑ -205- ↑	10	.400	.490
↑ -206- ↑	12	.500	.590
↑ -207- ↑	14	.600	.690
↑ -208- ↑	16	.700	.790
↑ -209- ↑	18	.800	.890
↑ -210- ↑	20	.900	.990
↑ -211- ↑	22	1.000	1.090
↑ -212- ↑	24	1.100	1.190
↑ -213- ↑	26	1.200	1.290
↑ -214- ↑	28	1.300	1.390
↑ -215- ↑	30	1.400	1.490
↑ -216- ↑	32	1.500	1.590
↑ -217- ↑	34	1.600	1.690
↑ -218- ↑	36	1.700	1.790
↑ -219- ↑	38	1.800	1.890
↑ -220- ↑	40	1.900	1.990
↑ -221- ↑	42	2.000	2.090
↑ -222- ↑	44	2.100	2.190
↑ -223- ↑	46	2.200	2.290
↑ -224- ↑	48	2.300	2.390
↑ -225- ↑	50	2.400	2.490
↑ -226- ↑	52	2.500	2.590
↑ -227- ↑	54	2.600	2.690
↑ -228- ↑	56	2.700	2.790
↑ -229- ↑	58	2.800	2.890
↑ -230- ↑	60	2.900	2.990
↑ -231- ↑	62	3.000	3.090
↑ -232- ↑	64	3.100	3.190
↑ -233- ↑	66	3.200	3.290
↑ -234- ↑	68	3.300	3.390
↑ -235- ↑	70	3.400	3.490
↑ -236- ↑	72	3.500	3.590
↑ -237- ↑	74	3.600	3.690
↑ -238- ↑	76	3.700	3.790
↑ -239- ↑	78	3.800	3.890
910X-4-240-XX	80	3.900	3.990



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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

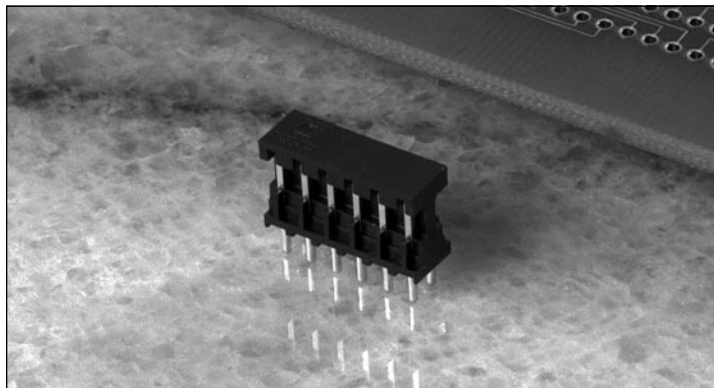
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.100" (2.54mm) Dual Row, Through Hole, Vertical Zero Height Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

910X-61-2XX-XX

PIN NUMBER
(SEE TABLE 2)

NUMBER OF POSITIONS PER ROW
(SEE TABLE I)

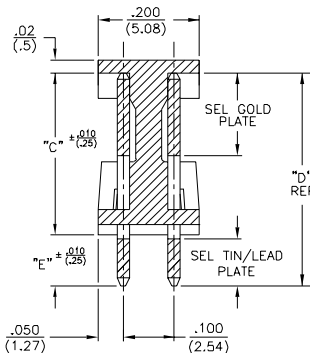
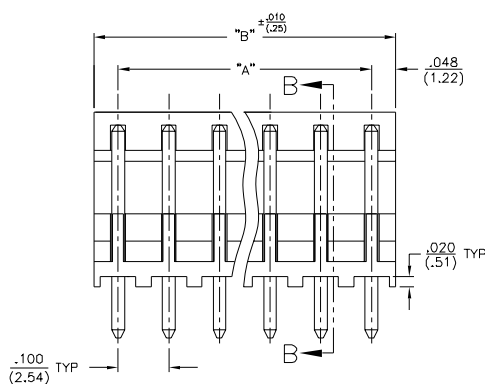
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

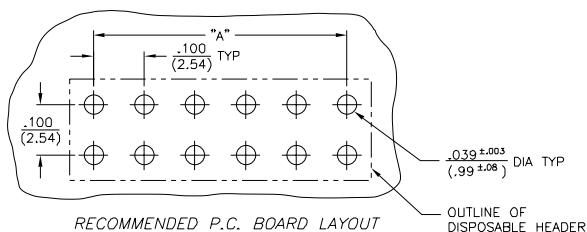
MATING CONNECTORS: 9000 SERIES

NOTES:

- INSULATOR MAT'L: GLASS REINFORCED POLYESTER (PCT), UL 94V-0; COLOR: BLACK
- PIN MAT'L: PHOSPHOR BRONZE
- PIN FINISH:
 - 9100 - TIN/LEAD OVER NICKEL PLATE.
 - 9102 - $\frac{.00015}{(.00038)}$ GOLD OVER $\frac{.00050}{(.00127)}$ NICKEL PLATE.
 - 9108 - $\frac{.00030}{(.00076)}$ SEL GOLD PLATING AS INDICATED OVER $\frac{.00050}{(.00127)}$ NICKEL PLATE ALL OVER; MIN TIN/LEAD PLATING ON SOLDER TAIL.
 - 910F - $\frac{.00015}{(.00038)}$ SEL GOLD PLATING AS INDICATED OVER $\frac{.00050}{(.00127)}$ NICKEL PLATE ALL OVER; MIN TIN/LEAD PLATING ON SOLDER TAIL.
- ALL DIMENSIONS ARE IN IN/(MM).



SECTION B-B



PART NUMBER	DIM "C"	DIM "D"	DIM "E"
910X-61-2XX-01	$\frac{.320}{(8.13)}$	$\frac{.440}{(11.18)}$	$\frac{.120}{(3.05)}$
910X-61-2XX-02	$\frac{.230}{(5.84)}$	$\frac{.340}{(8.64)}$	$\frac{.110}{(2.79)}$
910X-61-2XX-03	$\frac{.285}{(7.24)}$	$\frac{.390}{(9.91)}$	$\frac{.105}{(2.67)}$

PART NUMBER	NO. OF PINS	DIM "A"	DIM "B"
910X-61-202-XX	4	$\frac{1.00}{(2.54)}$	$\frac{.195}{(4.95)}$
-203-	6	$\frac{2.00}{(5.08)}$	$\frac{.295}{(7.49)}$
-204-	8	$\frac{3.00}{(7.62)}$	$\frac{.395}{(10.03)}$
-205-	10	$\frac{4.00}{(10.16)}$	$\frac{.495}{(12.57)}$
-206-	12	$\frac{5.00}{(12.70)}$	$\frac{.595}{(15.11)}$
-207-	14	$\frac{6.00}{(15.24)}$	$\frac{.695}{(17.65)}$
-208-	16	$\frac{7.00}{(17.78)}$	$\frac{.795}{(20.19)}$
-209-	18	$\frac{8.00}{(20.32)}$	$\frac{.895}{(22.73)}$
-210-	20	$\frac{9.00}{(22.86)}$	$\frac{.995}{(25.27)}$
-211-	22	$\frac{1.000}{(25.40)}$	$\frac{1.095}{(27.81)}$
-212-	24	$\frac{1.100}{(27.94)}$	$\frac{1.195}{(30.35)}$
-213-	26	$\frac{1.200}{(30.48)}$	$\frac{1.295}{(32.89)}$
-214-	28	$\frac{1.300}{(33.02)}$	$\frac{1.395}{(35.43)}$
-215-	30	$\frac{1.400}{(35.56)}$	$\frac{1.495}{(37.97)}$
-216-	32	$\frac{1.500}{(38.10)}$	$\frac{1.595}{(40.51)}$
-217-	34	$\frac{1.600}{(40.64)}$	$\frac{1.695}{(43.05)}$
-218-	36	$\frac{1.700}{(43.18)}$	$\frac{1.795}{(45.59)}$
-219-	38	$\frac{1.800}{(45.72)}$	$\frac{1.895}{(48.13)}$
-220-	40	$\frac{1.900}{(48.26)}$	$\frac{1.995}{(50.67)}$
-221-	42	$\frac{2.000}{(50.80)}$	$\frac{2.095}{(53.21)}$
-222-	44	$\frac{2.100}{(53.34)}$	$\frac{2.195}{(55.75)}$
-223-	46	$\frac{2.200}{(55.88)}$	$\frac{2.295}{(58.29)}$
-224-	48	$\frac{2.300}{(58.42)}$	$\frac{2.395}{(60.83)}$
910X-61-225-XX	50	$\frac{2.400}{(60.96)}$	$\frac{2.495}{(63.37)}$



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Far East:

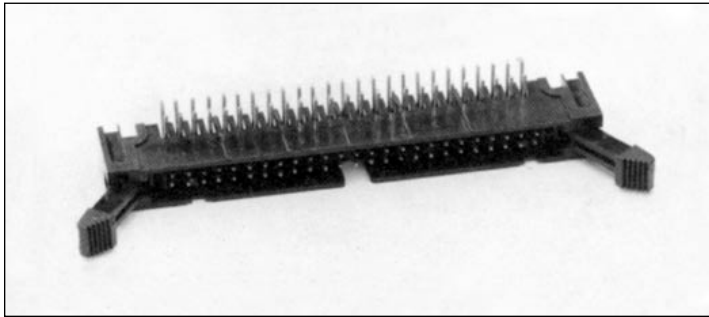
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.100" (2.54mm) Dual Row, Through Hole, Right Angle Shrouded Header with Ejector Lever



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-X5-2XX-01

NUMBER OF POSITIONS
(SEE TABLE II)

EJECTOR TYPE
(SEE TABLE I)

PIN PLATING
(SEE NOTE 4)

INSULATOR MATERIAL
(SEE NOTE 2)

NOTES:

- ALL DIMENSIONS ARE IN IN./MM.
- INSULATOR MATERIAL: GLASS-FILLED POLYESTER
- PIN MATERIAL: PHOSPHOR BRONZE
- PIN FINISH:
 - 9100 - TIN/LEAD OVER NICKEL PLATE
 - 9100 - .00050 NICKEL PLATE ALL OVER
 - .000030 SELECTIVE GOLD IN MATING AREA, .0001-.0002 SEL. TIN/LEAD ON SOLDER TAIL
 - 910E - .00050 NICKEL PLATE ALL OVER; .000015 SELECTIVE GOLD IN MATING AREA, .0001-.0002 SEL. TIN/LEAD ON SOLDER TAIL
- MAXIMUM DISTANCE FROM EDGE OF P.C. BOARD FOR DASH-CHAIN APPLICATION.

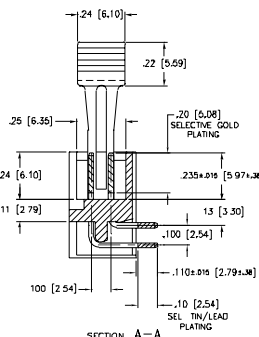
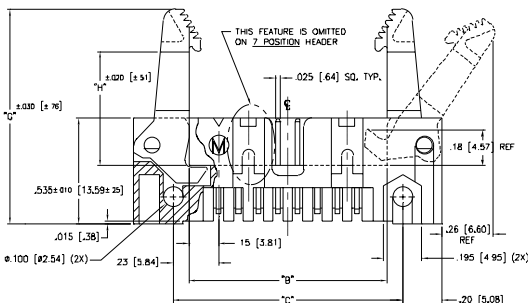
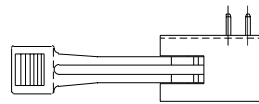
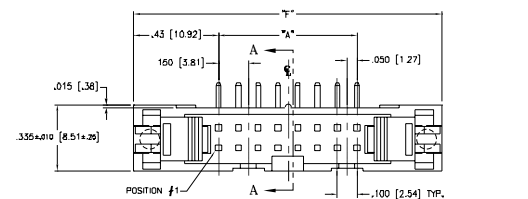
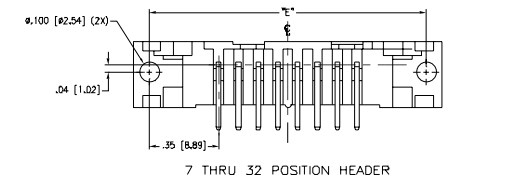
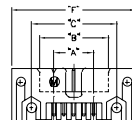


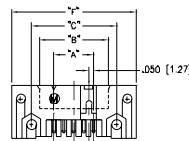
TABLE I			
PART NO.	DIM. "G"	DIM. "H"	
910X-15-XXX-01	1.090 [27.69]	.576 [14.63]	
910X-45-XXX-01	.940 [23.88]	.426 [10.82]	



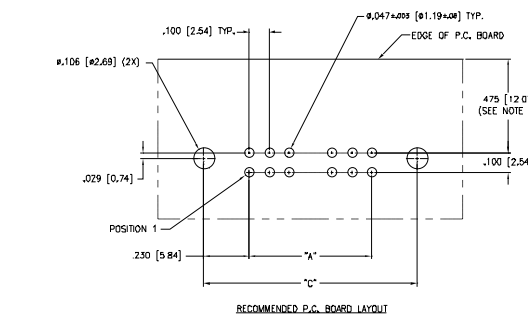
SECTION A-A
(ROTATED 90° C.W.)



P/N 910X-X5-200-01
5 & 6 POSITION HEADER
(SCALE: 2X)



P/N 910X-X5-200-01
5 & 6 POSITION HEADER
(SCALE: 2X)



PART NO.	NO. OF CIRCITS	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "E"	DIM. "F"
910X-X5-X05-01	10	.400 [10.16]	.800 [20.32]	.960 [24.38]	1.100 [27.94]	1.260 [32.00]
-X08-	12	.500 [12.70]	.800 [20.32]	.960 [24.38]	1.200 [30.48]	1.360 [34.54]
-207-	14	.600 [15.24]	.900 [22.86]	1.060 [26.92]	1.300 [33.02]	1.460 [37.08]
-208-	16	.700 [17.78]	1.000 [25.40]	1.160 [29.46]	1.400 [35.56]	1.560 [39.62]
-209-	18	.800 [20.32]	1.100 [27.94]	1.260 [32.00]	1.500 [38.10]	1.660 [42.16]
-210-	20	.900 [22.86]	1.200 [30.48]	1.360 [34.54]	1.600 [40.64]	1.760 [44.70]
-211-	22	1.000 [25.40]	1.300 [33.02]	1.460 [37.08]	1.700 [43.18]	1.860 [47.24]
-212-	24	1.100 [27.94]	1.400 [35.56]	1.560 [39.62]	1.800 [45.72]	1.960 [49.78]
-213-	26	1.200 [30.48]	1.500 [38.10]	1.660 [42.16]	1.900 [48.26]	2.060 [52.32]
-214-	28	1.300 [33.02]	1.600 [40.64]	1.760 [44.70]	2.000 [50.80]	2.160 [54.86]
-215-	30	1.400 [35.56]	1.700 [43.18]	1.860 [47.24]	2.100 [53.34]	2.260 [57.40]
-216-	32	1.500 [38.10]	1.800 [45.72]	1.960 [49.78]	2.200 [55.88]	2.360 [59.94]
-217-	34	1.600 [40.64]	1.900 [48.26]	2.060 [52.32]	2.300 [58.42]	2.460 [62.48]
-218-	36	1.700 [43.18]	2.000 [50.80]	2.160 [54.86]	2.400 [60.96]	2.560 [65.02]
-219-	38	1.800 [45.72]	2.100 [53.34]	2.260 [57.40]	2.500 [63.50]	2.660 [67.56]
-220-	40	1.900 [48.26]	2.200 [55.88]	2.360 [59.94]	2.600 [66.04]	2.760 [70.10]
-221-	42	2.000 [50.80]	2.300 [58.42]	2.460 [62.48]	2.700 [68.58]	2.860 [72.64]
-222-	44	2.100 [53.34]	2.400 [60.96]	2.560 [65.02]	2.800 [71.12]	2.960 [75.18]
-223-	46	2.200 [55.88]	2.500 [63.50]	2.660 [67.56]	2.900 [73.66]	3.060 [77.72]
-224-	48	2.300 [58.42]	2.600 [66.04]	2.760 [70.10]	3.000 [76.20]	3.160 [80.26]
-225-	50	2.400 [60.96]	2.700 [68.58]	2.860 [72.64]	3.100 [78.74]	3.260 [82.80]
-226-	52	2.500 [63.50]	2.800 [71.12]	2.960 [75.18]	3.200 [81.28]	3.360 [85.34]
-227-	54	2.600 [66.04]	2.900 [73.66]	3.060 [77.72]	3.300 [83.82]	3.460 [87.88]
-228-	56	2.700 [68.58]	3.000 [76.20]	3.160 [80.26]	3.400 [86.36]	3.560 [90.42]
-229-	58	2.800 [71.12]	3.100 [78.74]	3.260 [82.80]	3.500 [88.90]	3.660 [92.96]
-230-	60	2.900 [73.66]	3.200 [81.28]	3.360 [85.34]	3.600 [91.44]	3.760 [95.50]
-231-	62	3.000 [76.20]	3.300 [83.82]	3.460 [87.88]	3.700 [93.98]	3.860 [98.04]
910X-X5-232-01	64	3.100 [78.74]	3.400 [86.36]	3.560 [90.42]	3.800 [96.52]	3.960 [100.58]



North and South America:

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Email: info@methode.com • Web: www.methode.com/connector/index.html

Europe:

Methode Electronics Ireland, Ltd.

Unit H, Crossagalla Business Park, Ballysimon Rd. • Limerick, Ireland

+353 (0) 61 401222 • Fax: +353 (0) 61 401942

Email: info@methode.ie • Web: ireland.methode.com/main.html

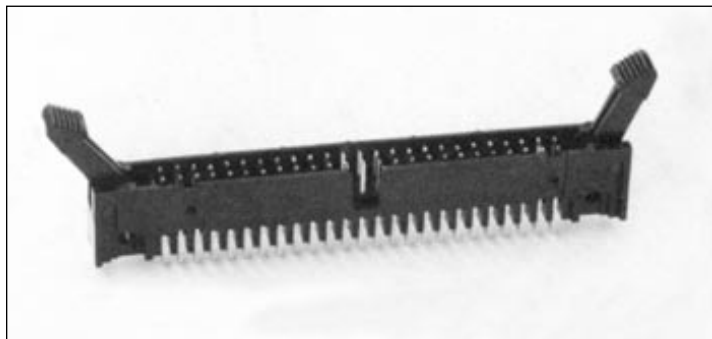
Far East:

Methode Electronics Far East, Pte. Ltd.

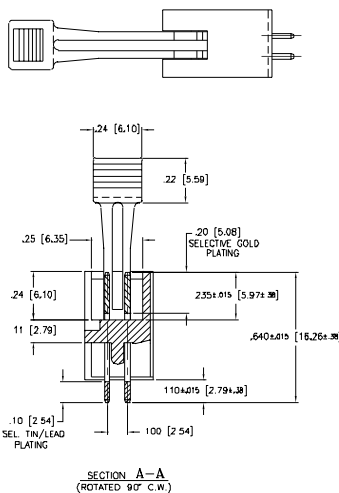
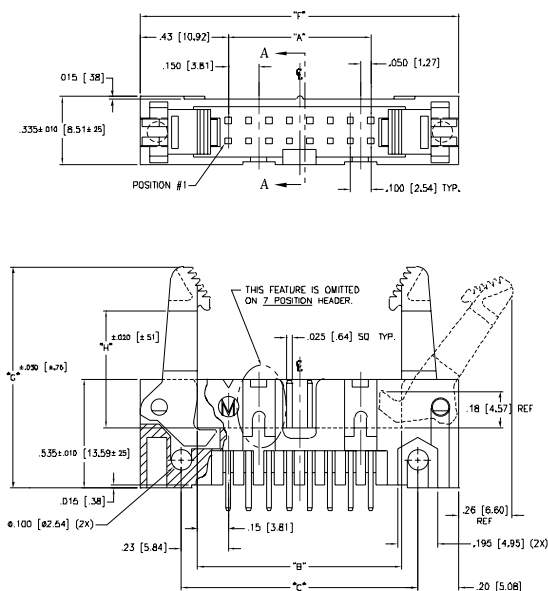
1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



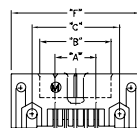
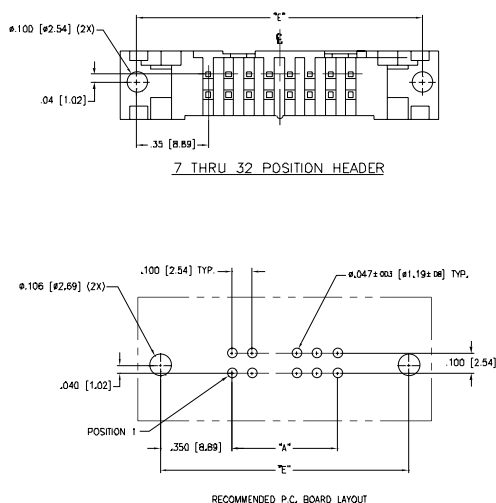
910X-X6-2XX-01

- **INSULATOR MATERIAL**
(SEE NOTE 2)

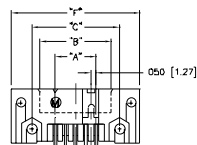
FINISH -
91D - TIN/LEAD OVER NICKEL PLATE
91D - .000050 NICKEL PLATE ALL OVER;
.000030 SELECTIVE GOLD IN MATING
AREA .0001-.0002 SEL. TIN/LEAD ON
SOLDER TAIL
91D - .000050 NICKEL PLATE ALL OVER;
.000015 SELECTIVE GOLD IN MATING
AREA .0001-.0002 SEL. TIN/LEAD ON
SOLDER TAIL

PART NO.	DIM. °C°	DIM. °H°
91DX-16-XXX-01	1 090 [27.69]	.576 [14.63]
91DX-46-XXX-01	.940 [23.88]	.426 [10.82]

TABLE II



-205
P/N 910X-X6-206-01
5 & 6 POSITION HEADER
(SCALE: 2X)



-305
P/N 910X-X6-305-01
5 & 6 POSITION HEADER
(SCALE: 2X)

PART NO.	No. CIRCUITS	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "L"	DIM. "F"
910X-X6-X05-01	10	.400 [10.16]	.700 [17.78]	.860 [21.84]	1.100 [27.94]	1.260 [32.00]
↑ -X06-	12	.500 [12.70]	.800 [20.32]	.960 [24.38]	1.200 [30.48]	1.360 [34.54]
↑ -207-	14	.600 [15.24]	.900 [22.86]	1.060 [26.92]	1.300 [33.02]	1.460 [37.09]
-208-	16	.700 [17.78]	1.000 [25.40]	1.160 [29.46]	1.400 [35.56]	1.560 [39.62]
-209-	18	.800 [20.32]	1.100 [27.94]	1.260 [32.00]	1.500 [38.10]	1.660 [42.16]
-210-	20	.900 [22.86]	1.200 [30.48]	1.360 [34.54]	1.600 [40.64]	1.760 [44.70]
-211-	22	1.000 [25.40]	1.300 [33.02]	1.460 [37.08]	1.700 [43.18]	1.860 [47.24]
-212-	24	1.100 [27.94]	1.400 [35.56]	1.660 [39.82]	1.800 [45.72]	1.960 [49.78]
-213-	26	1.200 [30.48]	1.500 [38.10]	1.660 [42.16]	1.900 [48.26]	2.060 [52.52]
-214-	28	1.300 [33.02]	1.600 [40.64]	1.760 [44.70]	2.000 [50.80]	2.160 [54.86]
-215-	30	1.400 [35.56]	1.700 [43.18]	1.860 [47.24]	2.100 [53.54]	2.260 [57.40]
-216-	32	1.500 [38.10]	1.800 [45.72]	1.960 [49.78]	2.200 [55.88]	2.360 [59.94]
-217-	34	1.600 [40.64]	1.900 [48.26]	2.060 [52.32]	2.300 [58.42]	2.460 [62.48]
-218-	36	1.700 [43.18]	2.000 [50.80]	2.160 [54.86]	2.400 [60.96]	2.560 [65.02]
-219-	38	1.800 [45.72]	2.100 [53.34]	2.260 [57.40]	2.500 [63.50]	2.660 [67.56]
-220-	40	1.900 [48.26]	2.200 [55.88]	2.360 [59.94]	2.600 [66.04]	2.760 [70.10]
-221-	42	2.000 [50.80]	2.300 [58.42]	2.460 [62.48]	2.700 [68.58]	2.860 [72.64]
-222-	44	2.100 [53.34]	2.400 [60.96]	2.560 [65.02]	2.800 [71.12]	2.960 [75.18]
-223-	46	2.200 [55.88]	2.500 [63.50]	2.660 [67.56]	2.900 [73.66]	3.060 [77.72]
-224-	48	2.300 [58.42]	2.600 [66.04]	2.760 [70.10]	3.000 [76.20]	3.160 [80.26]
-225-	50	2.400 [60.96]	2.700 [68.58]	2.860 [72.64]	3.100 [78.74]	3.260 [82.80]
-226-	52	2.500 [63.50]	2.800 [71.12]	2.960 [75.18]	3.200 [81.28]	3.360 [85.54]
-227-	54	2.600 [66.04]	2.900 [73.66]	3.060 [77.72]	3.300 [83.82]	3.460 [87.88]
-228-	56	2.700 [68.58]	3.000 [76.20]	3.160 [80.26]	3.400 [86.56]	3.560 [90.42]
-229-	58	2.800 [71.12]	3.100 [78.74]	3.260 [82.80]	3.500 [88.90]	3.660 [92.96]
-230-	60	2.900 [73.66]	3.200 [81.28]	3.360 [85.34]	3.600 [91.44]	3.760 [95.50]
↑ -231-	62	3.000 [76.20]	3.300 [83.82]	3.460 [87.88]	3.700 [93.98]	3.860 [98.04]
↑ -232-	64	3.100 [78.74]	3.400 [86.36]	3.560 [90.42]	3.800 [96.52]	3.960 [100.58]
910X-X6-X05-01	64	3.100 [78.74]	3.400 [86.36]	3.560 [90.42]	3.800 [96.52]	3.960 [100.58]

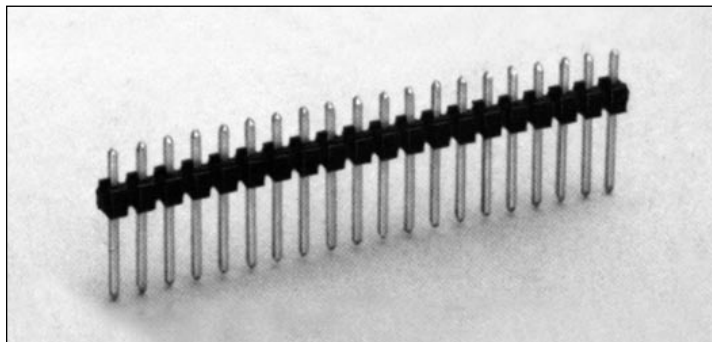


Email: info@methode.com • Web: www.methode.com/connector/index.html

Email: info@methode.ie • Web: ireland.methode.com/main.html

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.100" (2.54mm) Single Row, Through Hole, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-1-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

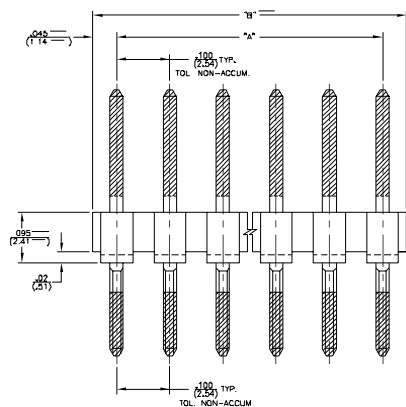
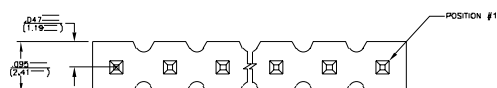


FIGURE I
(FOR SEL. PLATED PINS ONLY)
P/N'S: 91XX-1-1XX-XX

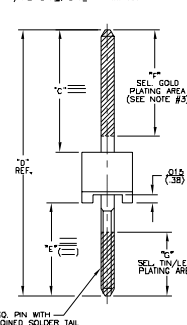
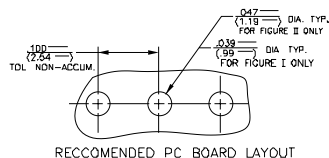
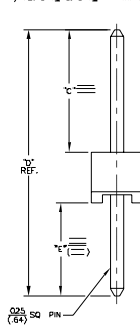


FIGURE II
(FOR OVERALL PLATED PINS ONLY)
P/N'S: 91XX-1-1XX-XX



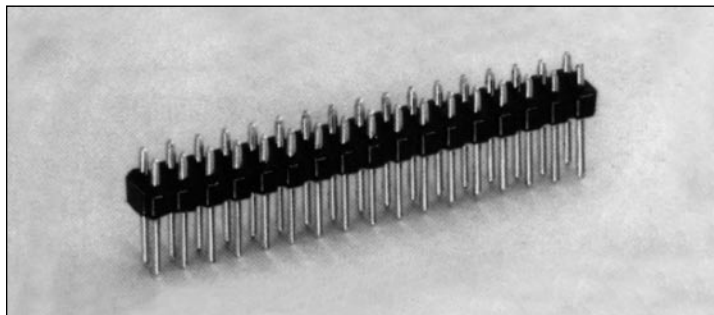
NOTES:

- INSULATOR MATERIAL:
91XX-1-1XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
91XX-1-1XX-XX - POLYESTER (PCT), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
- PIN MATERIAL: PHOSPHOR BRONZE
- PIN FINISH: 91XX-1-1XX-XX - .000150/.0003 BRITTE TIN OVER .000050/.000100 NICKEL PLATE
91XX-1-1XX-XX - .000030 MIN. GOLD OVER .000050/.000100 NICKEL PLATE
91XX-1-1XX-XX - .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER .000050/.000100 NICKEL PLATE ALL OVER: .0001/.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS PER DRWG.
91XX-1-1XX-XX - .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER .000050/.000100 NICKEL PLATE ALL OVER: .0001/.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS PER DRWG.
- ALL DIMS ARE IN IN./MM.
- PIN RETENTION: 2 LB. MINIMUM

PART NUMBER	NO. OF POSITIONS	DIM. "A"	DIM. "B"
91XX-1-102-XX	2	.100/(2.54)	.190/(4.83)
-103-XX	3	.200/(5.08)	.280/(7.13)
-104-XX	4	.300/(7.62)	.380/(9.65)
-105-XX	5	.400/(10.16)	.480/(12.19)
-106-XX	6	.500/(12.70)	.580/(14.73)
-107-XX	7	.600/(15.24)	.680/(17.27)
-108-XX	8	.700/(17.78)	.780/(19.81)
-109-XX	9	.800/(20.32)	.880/(22.35)
-110-XX	10	.900/(22.86)	.980/(24.89)
-111-XX	11	1.000/(25.40)	1.080/(27.43)
-112-XX	12	1.100/(27.94)	1.180/(30.00)
-113-XX	13	1.200/(30.48)	1.280/(32.54)
-114-XX	14	1.300/(33.02)	1.380/(35.08)
-115-XX	15	1.400/(35.56)	1.480/(37.62)
-116-XX	16	1.500/(38.10)	1.580/(40.16)
-117-XX	17	1.600/(40.64)	1.680/(42.70)
-118-XX	18	1.700/(43.18)	1.780/(45.24)
-119-XX	19	1.800/(45.72)	1.880/(47.78)
-120-XX	20	1.900/(48.26)	1.980/(50.32)
-121-XX	21	2.000/(50.80)	2.080/(52.86)
-122-XX	22	2.100/(53.34)	2.180/(55.40)
-123-XX	23	2.200/(55.88)	2.280/(57.94)
-124-XX	24	2.300/(58.42)	2.380/(60.48)
-125-XX	25	2.400/(60.96)	2.480/(63.02)
-126-XX	26	2.500/(63.50)	2.580/(65.56)
-127-XX	27	2.600/(66.04)	2.680/(68.10)
-128-XX	28	2.700/(68.58)	2.780/(70.64)
-129-XX	29	2.800/(71.12)	2.880/(73.18)
-130-XX	30	2.900/(73.66)	2.980/(75.72)
-131-XX	31	3.000/(76.20)	3.080/(78.26)
-132-XX	32	3.100/(78.74)	3.180/(80.80)
-133-XX	33	3.200/(81.28)	3.280/(83.34)
-134-XX	34	3.300/(83.82)	3.380/(85.88)
-135-XX	35	3.400/(86.36)	3.480/(88.42)
-136-XX	36	3.500/(88.90)	3.580/(90.96)
-137-XX	37	3.600/(91.44)	3.680/(93.50)
-138-XX	38	3.700/(93.98)	3.780/(96.04)
-139-XX	39	3.800/(96.52)	3.880/(98.58)
-140-XX	40	3.900/(99.06)	3.980/(101.12)

PART NUMBER	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"	DIM "F"	DIM "G"
91XX-1-1XX-01	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-02	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-03	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-04	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-05	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-06	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-07	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-08	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-09	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-10	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-11	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-12	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-13	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-14	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-15	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-16	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-17	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-18	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-19	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-20	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-21	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-22	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-23	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-24	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-25	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-26	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-27	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-28	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-29	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-30	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-31	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-32	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-33	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-34	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-35	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-36	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-37	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-38	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-39	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		
-40	.230 (5.84)	.500 (12.70)	.175 (4.43)	.200 (5.08)	.190 (4.83)		

.100" (2.54mm) Dual Row, Through Hole, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-1-2XX-XX

- PIN NUMBER (SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW (SEE TABLE I)
- PIN PLATING (SEE NOTE 3)
- INSULATOR MATERIAL (SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

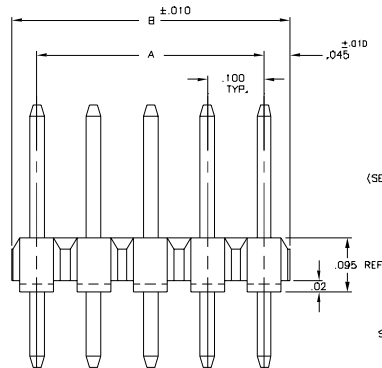
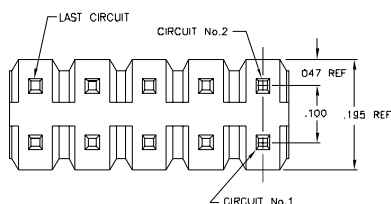


FIGURE 1
(FOR SEL. PLATED PINS ONLY.)
P/N's 91X8 & 91XF

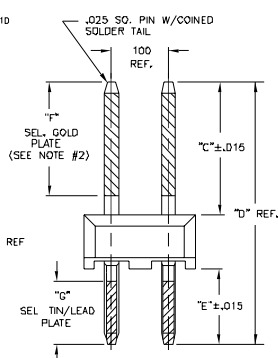
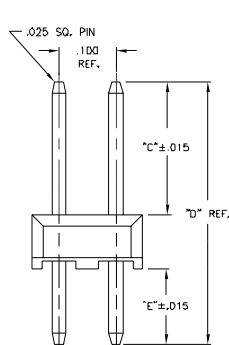


FIGURE 2
(FOR OVERALL PLATED PINS ONLY.)
P/N's 91X8, 91X2 AND 91X7



NOTES:

1. INSULATOR MATERIAL:

- 910X - GLASS-FILLED POLYESTER (PET), UL 94V-O, COLOR - BLACK
- 911X - GLASS-FILLED POLYESTER (PCT), UL 94V-O, COLOR - BLACK

2. PIN MATERIAL: PHOSPHOR BRONZE.

3. PIN FINISH:

- 91X0 - BRIGHT TIN OVER NICKEL PLATE.
- 91X2 - .000015 GOLD OVER .000050/.000150 NICKEL PLATE.
- 91X7 - .000030 GOLD OVER .000050/.000150 NICKEL PLATE.
- 91X8 - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL GOLD PLATE AS INDICATED; .0001-.0002 SEL .90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
- 91XF - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL GOLD PLATE AS INDICATED; .0001-.0002 SEL .90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.

△ OMIT,X ASSIGNED WHEN TOTAL NUMBER OF P/N CHARACTERS EXCEEDS 20.

TABLE 3	
PART NUMBER	POS. # WITH PINS OMITTED
910F121402-OMIT,A	5, 6, 7, 11, 13, 19, 20
910F121402-OMIT,B	9, 10, 15, 17, 21, 25, 24

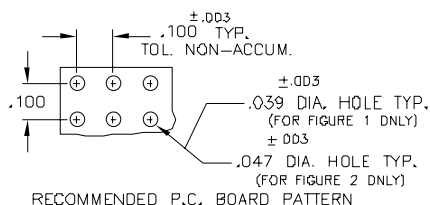


TABLE 1			
PART NUMBER	DIM. A	DIM. B	DIM. C
91XX-1-202-XX	4	.100	.190
203	6	.200	.290
204	8	.300	.390
205	10	.400	.490
206	12	.500	.590
207	14	.600	.690
208	16	.700	.790
209	18	.800	.890
210	20	.900	.990
211	22	1.000	1.090
212	24	1.100	1.190
213	26	1.200	1.290
214	28	1.300	1.390
215	30	1.400	1.490
216	32	1.500	1.590
217	34	1.600	1.690
218	36	1.700	1.790
219	38	1.800	1.890
220	40	1.900	1.990
221	42	2.000	2.090
222	44	2.100	2.190
223	46	2.200	2.290
224	48	2.300	2.390
225	50	2.400	2.490
226	52	2.500	2.590
227	54	2.600	2.690
228	56	2.700	2.790
229	58	2.800	2.890
230	60	2.900	2.990
231	62	3.000	3.090
232	64	3.100	3.190
233	66	3.200	3.290
234	68	3.300	3.390
235	70	3.400	3.490
236	72	3.500	3.590
237	74	3.600	3.690
238	76	3.700	3.790
239	78	3.800	3.890
91XX-1-240-XX	80	3.900	3.990

TABLE 2						
PART NUMBER	DIM. C	DIM. D REF.	DIM. E	DIM. F	DIM. G	DIM. H
91XX-1-2XX-01	.230	.500	.175	.200	.190	
02	.230	.435	.110	.165	.120	
03	.320	.590	.175	.200	.190	
04	.320	.525	.110	.200	.120	
05	.600	.700	.105	.200	.120	
06	.250	.440	.095	.160	.110	
07	.438	.650	.117	—	—	
08	.380	.600	.125	.200	.120	
09	.318	.940	.527	—	—	
10	.355	.560	.110	.200	.120	
11	.715	.940	.130	—	—	
12	.695	.795	.105	.200	.120	
13	.520	.735	.110	.200	.120	
14	.520	.825	.210	.200	.120	
15	.400 ± .010	.610	.115 ± .012	.200	.120	
16	.675	.898	.128	—	—	
17	.460	.825	.270	—	—	
18	.230	.420	.095	—	—	
19	.230	.590	.265	.200	.120	
20	.369	.700	.236	—	—	
21	.430	.640	.115 ± .015	.200	.120	
22	.318	.530	.117	.200	.120	
23	.370	.515	.115	.050	—	
24	.380	.590	.115	—	—	
25	.720 ± .008	.940	.125	.200	.150	
26	.548	.910	.267	—	—	
27	.620 ± .008	.825	.10/13	.200	.120	
28	.300 ± .008	.530	.10/14	.200	.120	
29	.639	.842	.109	—	—	
30	.649	.860	.118	—	—	
31	.320	.630	.210	.200	.120	
32	.250 ± .008	.440	.115	.160	.120	
33	.420 ± .008	.625	.110 ± .010	.200	.120	
34	.205 ± .008	.415	.115 ± .015	.160	.120	
35	.260 ± .008	.450	.106 ± .015	—	—	
91XX-1-2XX-36	.820	1.03	.115	.200	.120	



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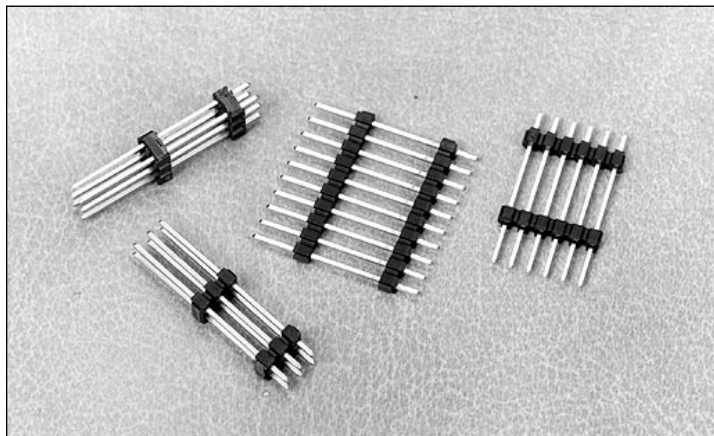
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.100" (2.54mm) Single Row Custom Double Insulator Headers



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-14-1XX-XXX

ASSIGNED BY METHODE REPRESENTING DIMS A, B, C

NUMBER OF POSITIONS
(SEE TABLE)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

NOTES:

1) INSULATOR MATERIAL:

910X- POLYESTER, 30% GLASS REINFORCED,
UL 94V-0; COLOR: BLACK

911X- POLYESTER 30% GLASS REINFORCED HI TEMP
UL 94V-0; COLOR: BLACK

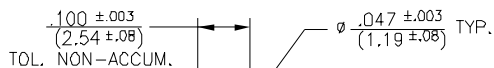
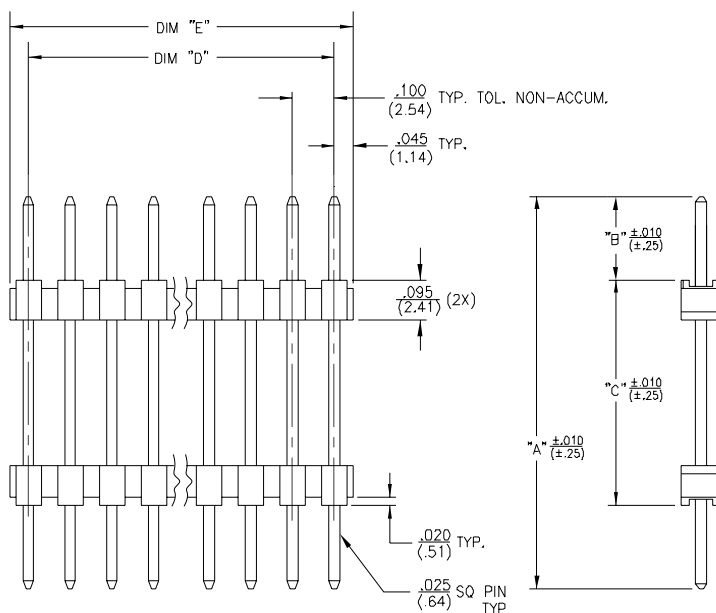
2) PIN MATERIAL: PHOSPHOR BRONZE

3) PIN FINISH: 91X0- BRITE TIN OVER NICKEL PLATE.

91X2- .000015 MIN. GOLD OVER NICKEL PLATE OVERALL

91X8- .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; SEL. TIN/LEAD ON SOLDER TAIL AS PER DRWG.

91XE- .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; TIN/LEAD ON SOLDER TAIL AS PER DRWG.



PART NUMBER	NO. OF POSITIONS	DIM. "D"	DIM. "E"
91XX-14-102-XX	2	.100/(2.54)	.190/(4.83)
↑ -103- ↑	3	.200/(5.08)	.290/(7.37)
↑ -104- ↑	4	.300/(7.62)	.390/(9.91)
↑ -105- ↑	5	.400/(10.16)	.490/(12.45)
↑ -106- ↑	6	.500/(12.70)	.590/(14.99)
↑ -107- ↑	7	.600/(15.24)	.690/(17.53)
↑ -108- ↑	8	.700/(17.78)	.790/(20.07)
↑ -109- ↑	9	.800/(20.32)	.890/(22.61)
↑ -110- ↑	10	.900/(22.86)	.990/(25.15)
↑ -111- ↑	11	1.000/(25.40)	1.090/(27.69)
↑ -112- ↑	12	1.100/(27.94)	1.190/(30.23)
↑ -113- ↑	13	1.200/(30.48)	1.290/(32.77)
↑ -114- ↑	14	1.300/(33.02)	1.390/(35.31)
↑ -115- ↑	15	1.400/(35.56)	1.490/(37.85)
↑ -116- ↑	16	1.500/(38.10)	1.590/(40.39)
↑ -117- ↑	17	1.600/(40.64)	1.690/(42.93)
↑ -118- ↑	18	1.700/(43.18)	1.790/(45.47)
↑ -119- ↑	19	1.800/(45.72)	1.890/(48.01)
↑ -120- ↑	20	1.900/(48.26)	1.990/(50.55)
↑ -121- ↑	21	2.000/(50.80)	2.090/(53.09)
↑ -122- ↑	22	2.100/(53.34)	2.190/(55.63)
↑ -123- ↑	23	2.200/(55.88)	2.290/(58.17)
↑ -124- ↑	24	2.300/(58.42)	2.390/(60.71)
↑ -125- ↑	25	2.400/(60.96)	2.490/(63.25)
↑ -126- ↑	26	2.500/(63.50)	2.590/(65.79)
↑ -127- ↑	27	2.600/(66.04)	2.690/(68.33)
↑ -128- ↑	28	2.700/(68.58)	2.790/(70.87)
↑ -129- ↑	29	2.800/(71.12)	2.890/(73.41)
↑ -130- ↑	30	2.900/(73.66)	2.990/(75.95)
↑ -131- ↑	31	3.000/(76.20)	3.090/(78.49)
↑ -132- ↑	32	3.100/(78.74)	3.190/(81.03)
↑ -133- ↑	33	3.200/(81.28)	3.290/(83.57)
↑ -134- ↑	34	3.300/(83.82)	3.390/(86.11)
↑ -135- ↑	35	3.400/(86.36)	3.490/(88.65)
↑ -136- ↑	36	3.500/(88.90)	3.590/(91.19)
↑ -137- ↑	37	3.600/(91.44)	3.690/(93.73)
↑ -138- ↑	38	3.700/(93.98)	3.790/(96.27)
↑ -139- ↑	39	3.800/(96.52)	3.890/(98.81)
91XX-14-140-XX	40	3.900/(99.06)	3.990/(101.35)



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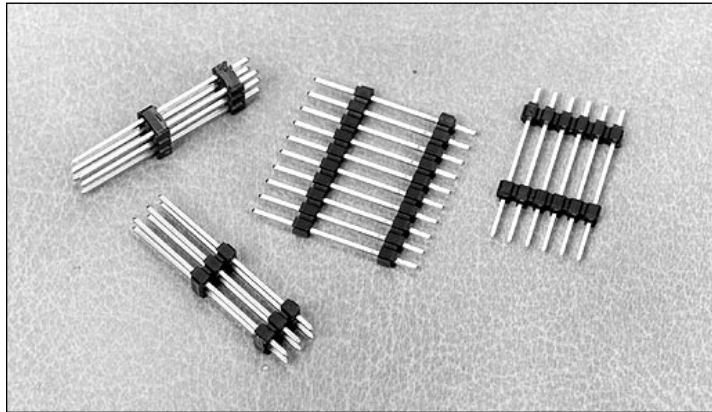
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.100" (2.54mm) Double Row Custom Double Insulator Headers



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-14-2XX-XXX

ASSIGNED BY METHODE REPRESENTING DIMS A, B, C

NUMBER OF POSITIONS
(SEE TABLE)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

NOTES:

1) INSULATOR MATERIAL:

910X- POLYESTER, 30% GLASS REINFORCED,
UL 94V-0; COLOR: BLACK

911X- POLYESTER 30% GLASS REINFORCED HI TEMP
UL 94V-0; COLOR: BLACK

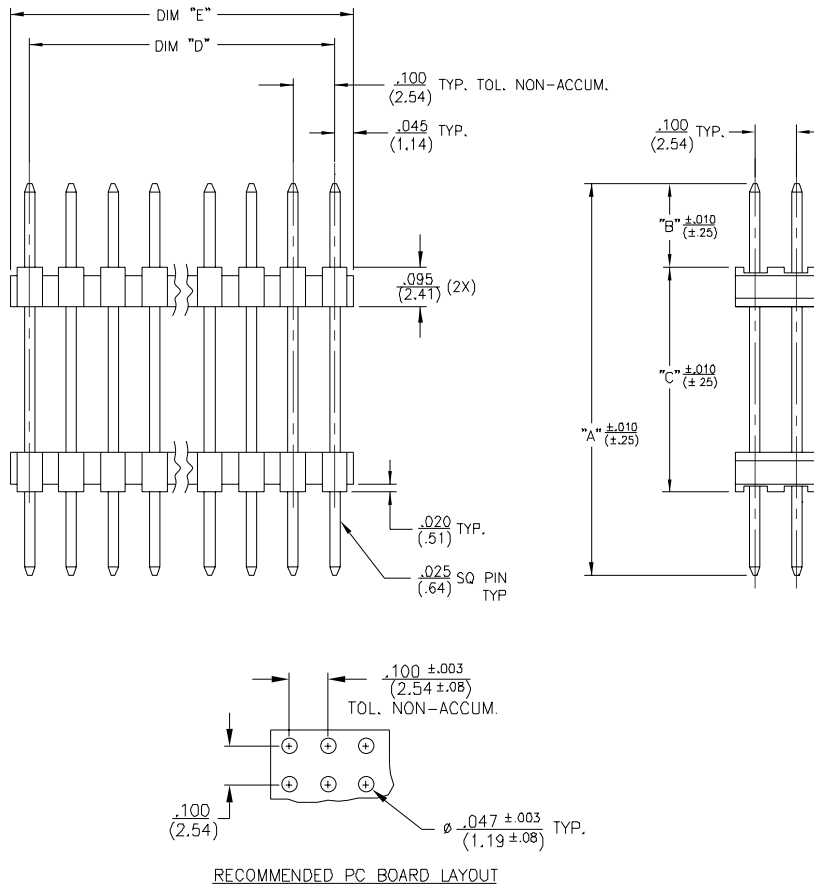
2) PIN MATERIAL: PHOSPHOR BRONZE

3) PIN FINISH: 91X0- BRITE TIN OVER NICKEL PLATE.

91X2- .000015 MIN. GOLD OVER NICKEL PLATE OVERALL

91X8- .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; SEL. TIN/LEAD ON SOLDER TAIL AS PER DRWG.

91XE- .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER NICKEL
PLATE ALL OVER; TIN/LEAD ON SOLDER TAIL AS PER DRWG.



PART NUMBER	NO. OF POSITIONS	DIM. "D"	DIM. "E"
91XX-14-202-XX	4	.100/(2.54)	.190/(4.83)
-203-	6	.200/(5.08)	.290/(7.37)
-204-	8	.300/(7.62)	.390/(9.91)
-205-	10	.400/(10.16)	.490/(12.45)
-206-	12	.500/(12.70)	.590/(14.99)
-207-	14	.600/(15.24)	.690/(17.53)
-208-	16	.700/(17.78)	.790/(20.07)
-209-	18	.800/(20.32)	.890/(22.61)
-210-	20	.900/(22.86)	.990/(25.15)
-211-	22	1.000/(25.40)	1.090/(27.69)
-212-	24	1.100/(27.94)	1.190/(30.23)
-213-	26	1.200/(30.48)	1.290/(32.77)
-214-	28	1.300/(33.02)	1.390/(35.31)
-215-	30	1.400/(35.56)	1.490/(37.85)
-216-	32	1.500/(38.10)	1.590/(40.39)
-217-	34	1.600/(40.64)	1.690/(42.93)
-218-	36	1.700/(43.18)	1.790/(45.47)
-219-	38	1.800/(45.72)	1.890/(48.01)
-220-	40	1.900/(48.26)	1.990/(50.55)
-221-	42	2.000/(50.80)	2.090/(53.09)
-222-	44	2.100/(53.34)	2.190/(55.63)
-223-	46	2.200/(55.88)	2.290/(58.17)
-224-	48	2.300/(58.42)	2.390/(60.71)
-225-	50	2.400/(60.96)	2.490/(63.25)
-226-	52	2.500/(63.50)	2.590/(65.79)
-227-	54	2.600/(66.04)	2.690/(68.33)
-228-	56	2.700/(68.58)	2.790/(70.87)
-229-	58	2.800/(71.12)	2.890/(73.41)
-230-	60	2.900/(73.66)	2.990/(75.95)
-231-	62	3.000/(76.20)	3.090/(78.49)
-232-	64	3.100/(78.74)	3.190/(81.03)
-233-	66	3.200/(81.28)	3.290/(83.57)
-234-	68	3.300/(83.82)	3.390/(86.11)
-235-	70	3.400/(86.36)	3.490/(88.65)
-236-	72	3.500/(88.90)	3.590/(91.19)
-237-	74	3.600/(91.44)	3.690/(93.73)
-238-	76	3.700/(93.98)	3.790/(96.27)
-239-	78	3.800/(96.52)	3.890/(98.81)
91XX-14-240-XX	80	3.900/(99.06)	3.990/(101.35)



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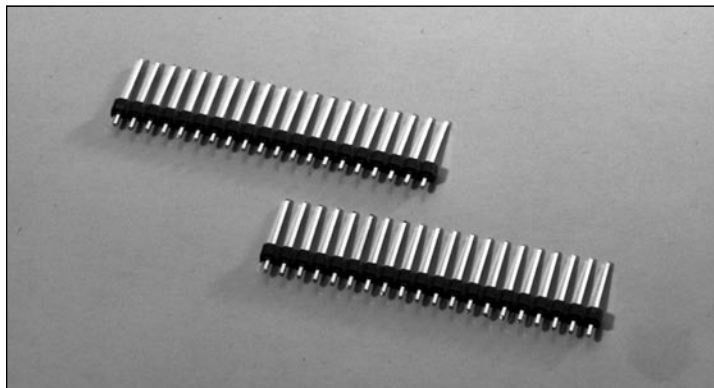
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.100" (2.54mm) Single Row, Through Hole Vertical Header with Special Standoffs



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-2-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- INSULATOR MATERIAL:
910X-2-1XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
911X-2-1XX-XX - POLYESTER (PCT), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
- PIN MATERIAL: PHOSPHOR BRONZE
- PIN FINISH:
91X0-2-1XX-XX - .000150/.0003 BRITE TIN PLATE OVER .000050/.000100 NICKEL PLATE.
91X2-2-1XX-XX - .000030 OVERALL GOLD PLATE OVER .000050/.000150 NICKEL PLATE.
91XB-2-1XX-XX - .000030 SEL. GOLD PLATE IN CONTACT AREA OVER .000050/.000150 NICKEL PLATE ALL OVER; .0001/.0002 SEL. 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
91XE-2-1XX-XX - .000015 SEL. GOLD PLATE IN CONTACT AREA OVER .000050/.000150 NICKEL PLATE ALL OVER; .0001/.0002 SEL. 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
- ALL DIMS ARE IN IN./ (MM).

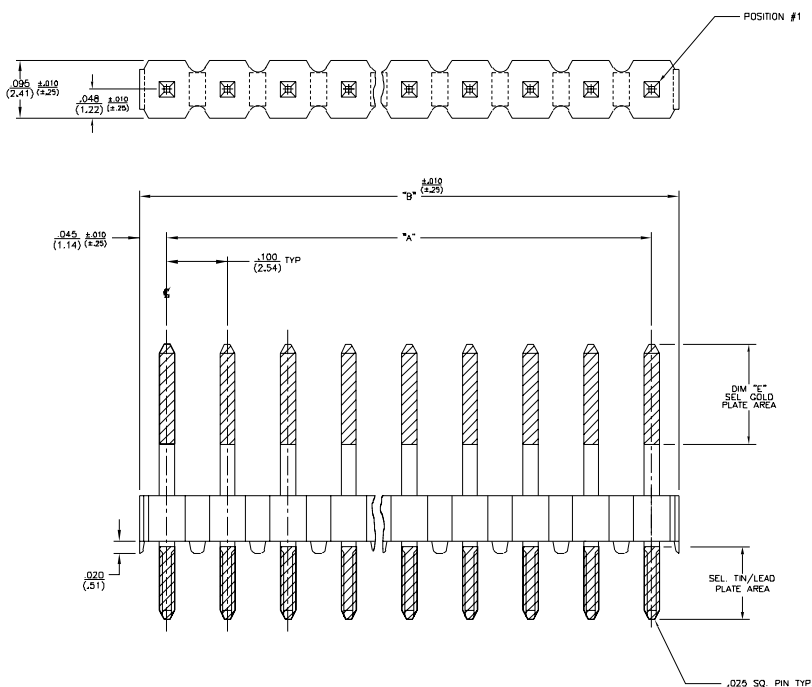


TABLE I		
PART NUMBER	DIM "A"	DIM "B"
91XX-2-102-XX	.100 (2.54)	.190 (4.82)
91XX-2-103-XX	.200 (5.08)	.290 (7.36)
91XX-2-104-XX	.300 (7.62)	.390 (9.91)
91XX-2-105-XX	.400 (10.16)	.490 (12.45)
91XX-2-106-XX	.500 (12.70)	.590 (14.98)
91XX-2-107-XX	.600 (15.24)	.690 (17.53)
91XX-2-108-XX	.700 (17.78)	.790 (20.06)
91XX-2-109-XX	.800 (20.32)	.890 (22.61)
91XX-2-110-XX	.900 (22.86)	.990 (25.15)
91XX-2-111-XX	1.000 (25.40)	1.090 (27.68)
91XX-2-112-XX	1.100 (27.94)	1.190 (30.23)
91XX-2-113-XX	1.200 (30.48)	1.290 (32.75)
91XX-2-114-XX	1.300 (33.02)	1.390 (35.31)
91XX-2-115-XX	1.400 (35.56)	1.490 (37.85)
91XX-2-116-XX	1.500 (38.10)	1.590 (40.39)
91XX-2-117-XX	1.600 (40.64)	1.690 (42.93)
91XX-2-118-XX	1.700 (43.18)	1.790 (45.47)
91XX-2-119-XX	1.800 (45.72)	1.890 (48.01)
91XX-2-120-XX	1.900 (48.26)	1.990 (50.55)
91XX-2-121-XX	2.000 (50.80)	2.090 (53.09)
91XX-2-122-XX	2.100 (53.34)	2.190 (55.63)
91XX-2-123-XX	2.200 (55.88)	2.290 (58.17)
91XX-2-124-XX	2.300 (58.42)	2.390 (60.71)
91XX-2-125-XX	2.400 (60.96)	2.490 (63.25)
91XX-2-126-XX	2.500 (63.50)	2.590 (65.79)
91XX-2-127-XX	2.600 (66.04)	2.690 (68.32)
91XX-2-128-XX	2.700 (68.58)	2.790 (70.87)
91XX-2-129-XX	2.800 (71.12)	2.890 (73.41)
91XX-2-130-XX	2.900 (73.66)	2.990 (75.95)
91XX-2-131-XX	3.000 (76.20)	3.090 (78.49)
91XX-2-132-XX	3.100 (78.74)	3.190 (81.03)
91XX-2-133-XX	3.200 (81.28)	3.290 (83.57)
91XX-2-134-XX	3.300 (83.82)	3.390 (86.11)
91XX-2-135-XX	3.400 (86.36)	3.490 (88.65)
91XX-2-136-XX	3.500 (88.90)	3.590 (91.19)
91XX-2-137-XX	3.600 (91.44)	3.690 (93.73)
91XX-2-138-XX	3.700 (93.98)	3.790 (96.27)
91XX-2-139-XX	3.800 (96.52)	3.890 (98.81)
91XX-2-140-XX	3.900 (99.06)	3.990 (101.35)

TABLE II			
PART NUMBER	DIM "C"	DIM "D"	DIM "E"
91XX-2-1XX-01	.230 (5.84)	.435 (11.43)	.165 (4.19)
91XX-2-1XX-02	.320 (8.13)	.526 (13.72)	.200 (5.08)



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Far East:

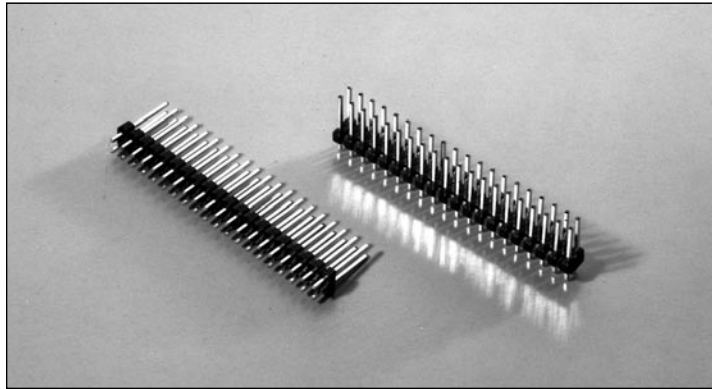
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.100" (2.54mm) Dual Row, Through Hole, Vertical Header with Special Standoffs



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-2-2XX-XX

- PIN NUMBER
(SEE TABLE 2)
- NUMBER OF POSITIONS PER ROW
(SEE TABLE 1)
- PIN PLATING
(SEE NOTE 3)
- INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) INSULATOR MATERIAL
910X-2-2XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
911X-2-2XX-XX - POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0, COLOR: BLACK
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH:
910X-2-2XX-XX: TIN OVER NICKEL PLATE.
910Z-2-2XX-XX: .000015 GOLD OVER .000050 NICKEL PLATE.
910T-2-2XX-XX: .000030 GOLD OVER .000050 NICKEL PLATE.
910B-2-2XX-XX: .000050/.000100 NICKEL PLATE ALL OVER; .000030 GOLD PLATE AS INDICATED; .0001-.0002 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
910E-2-2XX-XX: .000050/.000100 NICKEL PLATE ALL OVER; .000015 GOLD PLATE AS INDICATED; .0001-.0002 90/10 TIN/LEAD PLATE ON SOLDER TAIL AS INDICATED.
- 4) ALL DIMENSIONS ARE IN IN./MM.
- 5) PIN RETENTION: 2 LB. MINIMUM.

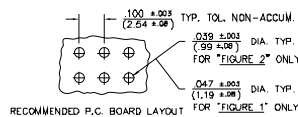
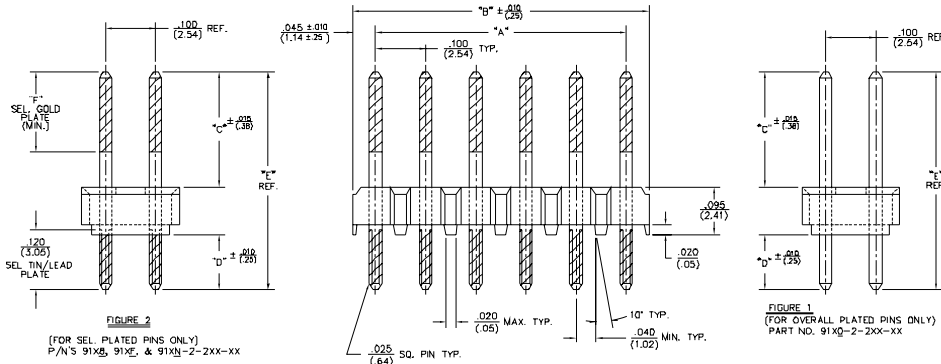
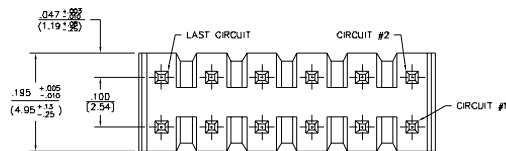


TABLE 1

PART NUMBER	NO. OF CIRCUITS	DIM. A		DIM. B	
		IN	MM	IN	MM
91XX-2-202-XX	4	.100	2.54	.190	4.83
-203-	6	.200	5.08	.290	7.37
-204-	8	.300	7.62	.390	9.91
-205-	10	.400	10.16	.490	12.45
-206-	12	.500	12.70	.590	14.99
-207-	14	.600	15.24	.690	17.53
-208-	16	.700	17.78	.790	20.07
-209-	18	.800	20.32	.890	22.61
-210-	20	.900	22.86	.990	25.15
-211-	22	1.000	25.40	1.090	27.69
-212-	24	1.100	27.94	1.190	30.23
-213-	26	1.200	30.48	1.290	32.77
-214-	28	1.300	33.02	1.390	35.31
-215-	30	1.400	35.56	1.490	37.85
-216-	32	1.500	38.10	1.590	40.39
-217-	34	1.600	40.64	1.690	42.93
-218-	36	1.700	43.18	1.790	45.47
-219-	38	1.800	45.72	1.890	48.01
-220-	40	1.900	48.26	1.990	50.55
-221-	42	2.000	50.80	2.090	53.09
-222-	44	2.100	53.34	2.190	55.63
-223-	46	2.200	55.88	2.290	58.17
-224-	48	2.300	58.42	2.390	60.71
-225-	50	2.400	60.96	2.490	63.25
-226-	52	2.500	63.50	2.590	65.79
-227-	54	2.600	66.04	2.690	68.33
-228-	56	2.700	68.58	2.790	70.87
-229-	58	2.800	71.12	2.890	73.41
-230-	60	2.900	73.66	2.990	75.95
-231-	62	3.000	76.20	3.090	78.49
-232-	64	3.100	78.74	3.190	81.03
-233-	66	3.200	81.28	3.290	83.57
-234-	68	3.300	83.82	3.390	86.11
-235-	70	3.400	86.36	3.490	88.65
-236-	72	3.500	88.90	3.590	91.19
-237-	74	3.600	91.44	3.690	93.73
-238-	76	3.700	93.98	3.790	96.27
-239-	78	3.800	96.52	3.890	98.81
91XX-2-240-XX	80	3.900	99.06	3.990	101.35

TABLE 2

PART NUMBER	DIM. "C"	DIM. "D"	DIM. "E"	DIM. "F"
91XX-2-2XX-01	.230 (5.84)	.110 (2.78)	.440 (11.18)	.185 MIN. (4.18)
91XX-2-2XX-02	.280 (7.11)	.130 (3.30)	.520 (13.18)	—
91XX-2-2XX-03	.300 (7.62)	.150 (3.81)	.580 (14.73)	—
91XX-2-2XX-04	.350 (8.89)	.175 (4.43)	.650 (16.51)	.200 (5.08)
91XX-2-2XX-05	.430 (10.92)	.185 (4.69)	.840 (21.34)	.200 (5.08)
91XX-2-2XX-06	.435 (11.04)	.190 (4.83)	.840 (21.34)	.200 (5.08)
91XX-2-2XX-07	.453 (11.50)	.200 (5.08)	.840 (21.34)	.200 (5.08)



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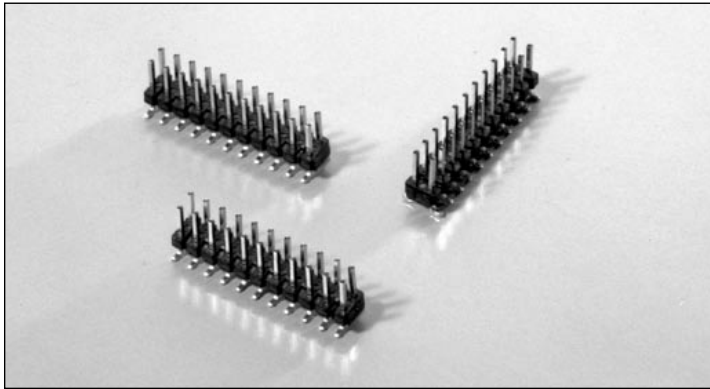
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.100" (2.54mm) Dual Row, Surface Mount, Vertical Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

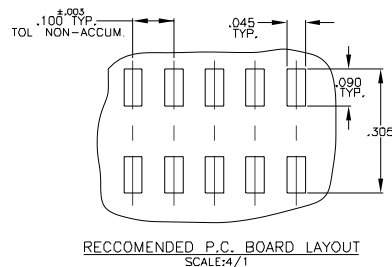
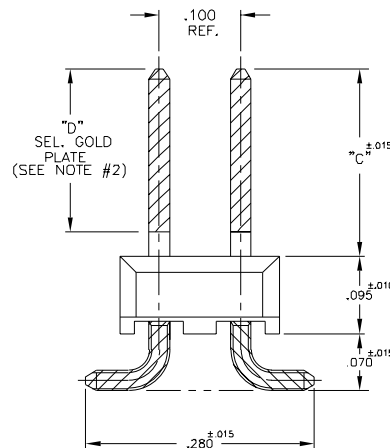
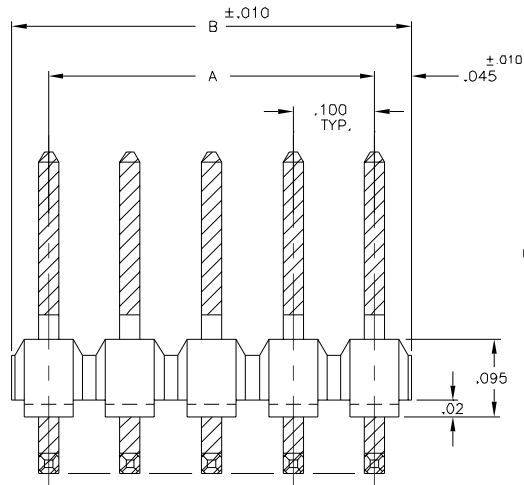
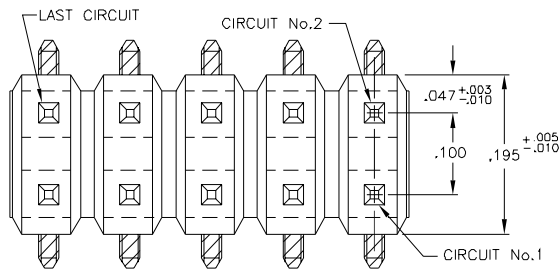
910X-21-2XX-XX

PIN NUMBER
(SEE TABLE 2)

NUMBER OF POSITIONS PER ROW
(SEE TABLE 1)

PIN FINISH PLATING
(SEE NOTE 2)

MATING CONNECTORS: 9000 SERIES



RECOMMENDED P.C. BOARD LAYOUT
SCALE: 4/1

NOTES:

1. INSULATOR MATERIAL: POLYESTER (PET), 30% G/R, UL 94V-0.

2. PIN MATERIAL: PHOSPHOR BRONZE.

3. PIN FINISH:

9100 - BRIGHT TIN OVER NICKEL PLATE.

910B - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.

910E - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.

TABLE 2

PART NUMBER	DIM. C	DIM. D
910X-21-2XX-01	.230	.160
-02	.320	.200
-03	.405	.200

TABLE 1

PART NUMBER	No. OF CIRCUITS	DIM. A	DIM. B
910X-21-202-XX	4	.100	.19
-203-	6	.200	.29
-204-	8	.300	.39
-205-	10	.400	.49
-206-	12	.500	.59
-207-	14	.600	.69
-208-	16	.700	.79
-209-	18	.800	.89
-210-	20	.900	.99
-211-	22	1.000	1.09
-212-	24	1.100	1.19
-213-	26	1.200	1.29
-214-	28	1.300	1.39
-215-	30	1.400	1.49
-216-	32	1.500	1.59
-217-	34	1.600	1.69
-218-	36	1.700	1.79
-219-	38	1.800	1.89
-220-	40	1.900	1.99
-221-	42	2.000	2.09
-222-	44	2.100	2.19
-223-	46	2.200	2.29
-224-	48	2.300	2.39
-225-	50	2.400	2.49
-226-	52	2.500	2.59
-227-	54	2.600	2.69
-228-	56	2.700	2.79
-229-	58	2.800	2.89
-230-	60	2.900	2.99
-231-	62	3.000	3.09
-232-	64	3.100	3.19
-233-	66	3.200	3.29
-234-	68	3.300	3.39
-235-	70	3.400	3.49
-236-	72	3.500	3.59
-237-	74	3.600	3.69
-238-	76	3.700	3.79
-239-	78	3.800	3.89
910X-21-240-XX	80	3.900	3.99



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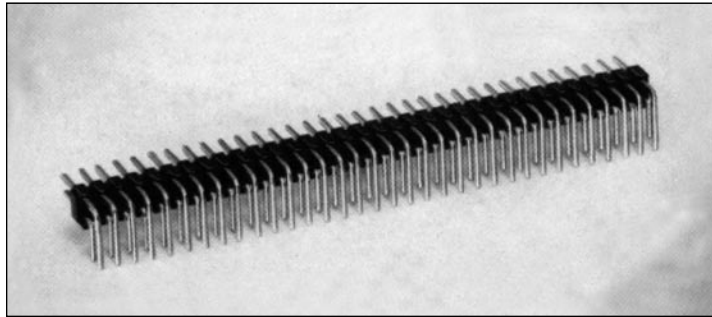
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.100" (2.54mm) Single Row, Through Hole, Right Angle Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-3-1XX-XX

- PIN NUMBER**
(SEE TABLE I)
- NUMBER OF POSITIONS**
(SEE TABLE II)
- PIN PLATING**
(SEE NOTE 2)
- INSULATOR MATERIAL**
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- 1) INSULATOR MAT'L:
910X- POLYESTER (PET), 30% G/R, UL 94V-0
COLOR: BLACK
911X- POLYESTER (PCT), 30 % G/R, UL 94V-0
COLOR: BLACK
PIN MAT'L: PHOSPHOR BRONZE
- 2) PIN FINISH:
91XQ- .000150/.0003 BRITE TIN PLATE OVER .000050/.000100 NICKEL PLATE.
91X2- .000015 MIN. GOLD PLATE OVER .000050/.000150 NICKEL PLATE.
91X8- .000030 SELECTIVE GOLD PLATE IN CONTACT AREA OVER .000050/.000150 NICKEL PLATE ALL OVER;
.0001-.0002 SEL. 90/10 TIN LEAD ON SOLDER TAILS AS INDICATED.
91XE- .000150/.000250 90/10 TIN/LEAD OVER .00005/.000150 NICKEL PLATE.
91XF- .000015 SELECTIVE GOLD PLATE IN CONTACT AREA OVER .000050/.000150 NICKEL PLATE ALL OVER;
.0001-.0002 SEL. 90/10 TIN LEAD ON SOLDER TAILS AS INDICATED.
- 3) ALL DIMENSIONS ARE IN IN./ (MM)
- 4) PIN RETENTION: 2 LB. MINIMUM.

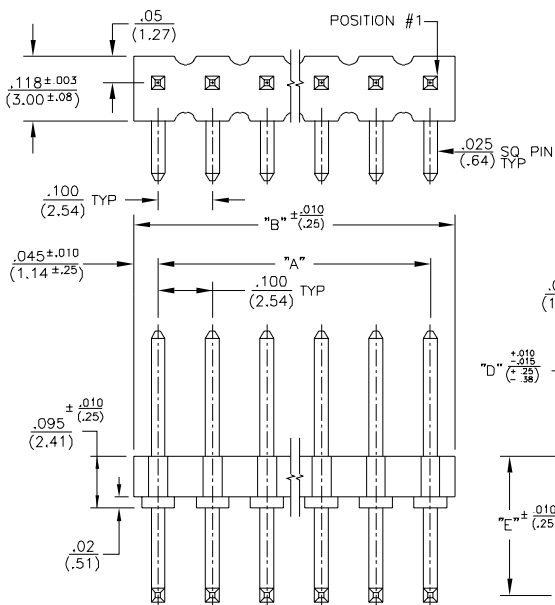


FIGURE I
(FOR OVERALL PLATED PINS ONLY)
P/N'S 91XQ AND 91X2-3-1XX-XX

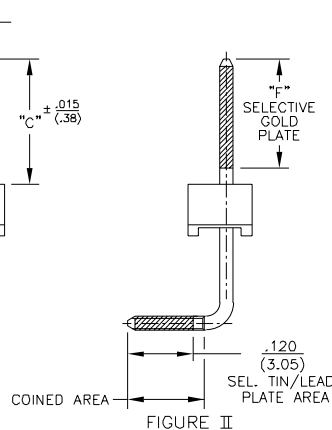
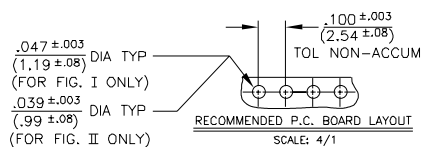


FIGURE II
(FOR SEL PLATED PINS ONLY)
P/N'S 91X8 AND 91XF-3-1XX-XX
(OTHERWISE SAME AS FIGURE I)



PART NUMBER	NO. OF POSITIONS	DIM. "A"	DIM. "B"
91XX-3-102-XX	2	.100/(2.54)	.190/(4.83)
91XQ-103-3	3	.200/(5.08)	.290/(7.37)
91XQ-104-4	4	.300/(7.62)	.390/(9.91)
91XQ-105-5	5	.400/(10.16)	.490/(12.45)
91XQ-106-6	6	.500/(12.70)	.590/(14.99)
91XQ-107-7	7	.600/(15.24)	.690/(17.53)
91XQ-108-8	8	.700/(17.78)	.790/(20.07)
91XQ-109-9	9	.800/(20.32)	.890/(22.61)
91XQ-110-10	10	.900/(22.86)	.990/(25.15)
91XQ-111-11	11	1.000/(25.40)	1.090/(27.69)
91XQ-112-12	12	1.100/(27.94)	1.190/(30.23)
91XQ-113-13	13	1.200/(30.48)	1.290/(32.77)
91XQ-114-14	14	1.300/(33.02)	1.390/(35.31)
91XQ-115-15	15	1.400/(35.56)	1.490/(37.85)
91XQ-116-16	16	1.500/(38.10)	1.590/(40.39)
91XQ-117-17	17	1.600/(40.64)	1.690/(42.93)
91XQ-118-18	18	1.700/(43.18)	1.790/(45.47)
91XQ-119-19	19	1.800/(45.72)	1.890/(48.01)
91XQ-120-20	20	1.900/(48.26)	1.990/(50.55)
91XQ-121-21	21	2.000/(50.80)	2.090/(53.09)
91XQ-122-22	22	2.100/(53.34)	2.190/(55.63)
91XQ-123-23	23	2.200/(55.88)	2.290/(58.17)
91XQ-124-24	24	2.300/(58.42)	2.390/(60.71)
91XQ-125-25	25	2.400/(60.96)	2.490/(63.25)
91XQ-126-26	26	2.500/(63.50)	2.590/(65.79)
91XQ-127-27	27	2.600/(66.04)	2.690/(68.33)
91XQ-128-28	28	2.700/(68.58)	2.790/(70.87)
91XQ-129-29	29	2.800/(71.12)	2.890/(73.41)
91XQ-130-30	30	2.900/(73.66)	2.990/(75.95)
91XQ-131-31	31	3.000/(76.20)	3.090/(78.49)
91XQ-132-32	32	3.100/(78.74)	3.190/(81.03)
91XQ-133-33	33	3.200/(81.28)	3.290/(83.57)
91XQ-134-34	34	3.300/(83.82)	3.390/(86.11)
91XQ-135-35	35	3.400/(86.36)	3.490/(88.65)
91XQ-136-36	36	3.500/(88.90)	3.590/(91.19)
91XQ-137-37	37	3.600/(91.44)	3.690/(93.73)
91XQ-138-38	38	3.700/(93.98)	3.790/(96.27)
91XQ-139-39	39	3.800/(96.52)	3.890/(98.81)
91XX-3-140-XX	40	3.900/(99.06)	3.990/(101.35)

PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"
91XX-3-1XX-01	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-02	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-03	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-04	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-05	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-06	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-07	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-08	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-09	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)
91XX-3-1XX-10	.230 (5.84)	.110 (2.79)	.155 (3.94)	.200 (5.08)



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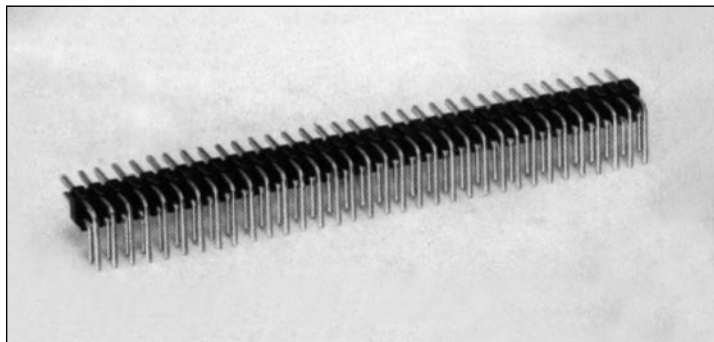
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.100" (2.54mm) Dual Row, Through Hole, Right Angle Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-3-2XX-XX

- PIN NUMBER**
(SEE TABLE 2)
- NUMBER OF POSITIONS**
(SEE TABLE 1)
- PIN PLATING**
(SEE NOTE 3)
- INSULATOR MATERIAL**
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- INSULATOR MATERIAL:
910X- POLYESTER (PET), 30% GLASS REINFORCED, UL 94V-0
911X- POLYESTER (PCT), 30% GLASS REINFORCED, UL 94V-0
- PIN MATERIAL : PHOSPHOR BRONZE
- PIN FINISH :
9100-3-2XX-XX - TIN OVER NICKEL PLATE.
9102-3-2XX-XX - .000015 GOLD OVER .000050 NICKEL PLATE.
9108-3-2XX-XX - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD PLATE AS INDICATED;
.0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
910F-3-2XX-XX - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD PLATE AS INDICATED;
.0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
- PIN RETENTION: 2 LB. MINIMUM.

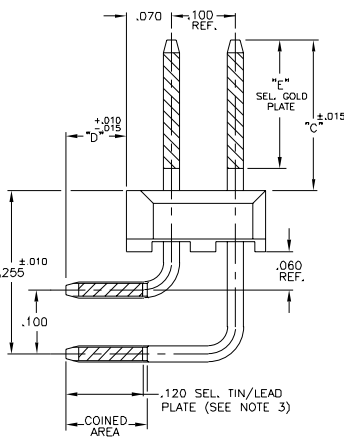
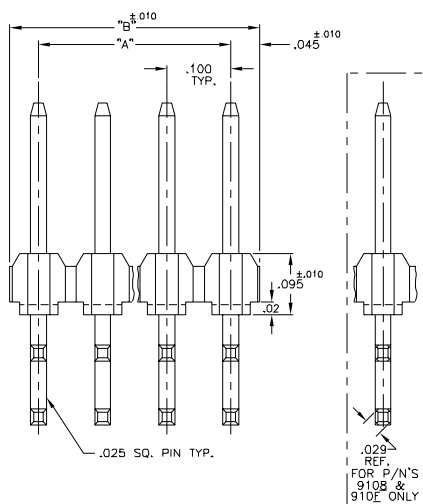
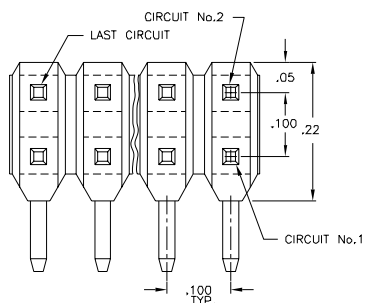


FIGURE 1
(FOR SEL. PLATED PINS ONLY.)
P/N's 9108 AND 910F

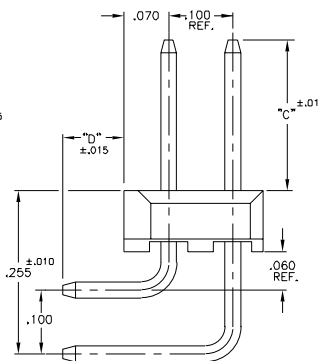
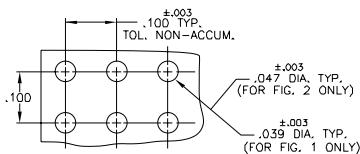


FIGURE 2
(FOR OVERALL PLATED PINS ONLY)
P/N's 9100 AND 9102



RECOMMENDED P.C. BOARD PATTERN

TABLE 1

PART NUMBER	No. OF CIRCUITS	DIM. "A"	DIM. "B"
910X-3-202-XX	4	.100	.190
-203-	6	.200	.290
-204-	8	.300	.390
-205-	10	.400	.490
-206-	12	.500	.590
-207-	14	.600	.690
-208-	16	.700	.790
-209-	18	.800	.890
-210-	20	.900	.990
-211-	22	1.000	1.090
-212-	24	1.100	1.190
-213-	26	1.200	1.290
-214-	28	1.300	1.390
-215-	30	1.400	1.490
-216-	32	1.500	1.590
-217-	34	1.600	1.690
-218-	36	1.700	1.790
-219-	38	1.800	1.890
-220-	40	1.900	1.990
-221-	42	2.000	2.090
-222-	44	2.100	2.190
-223-	46	2.200	2.290
-224-	48	2.300	2.390
-225-	50	2.400	2.490
-226-	52	2.500	2.590
-227-	54	2.600	2.690
-228-	56	2.700	2.790
-229-	58	2.800	2.890
-230-	60	2.900	2.990
-231-	62	3.000	3.090
-232-	64	3.100	3.190
-233-	66	3.200	3.290
-234-	68	3.300	3.390
-235-	70	3.400	3.490
-236-	72	3.500	3.590
-237-	74	3.600	3.690
-238-	76	3.700	3.790
-239-	78	3.800	3.890
910X-3-240-XX	80	3.900	3.990

TABLE 2

PART No.	"C"	"D"	"E"
910X-3-2XX-01	.230	.110	.200
-02	.320	.110	.200
-03	.500	.110	—
-04	.230±.010	.290	—
-05	.230	.090	.200
-06	.318	.095	.200
-07	.110	.110	—
-08	.280	.110	.200
910X-3-2XX-09	.230	.190	.200



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847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404

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Far East:

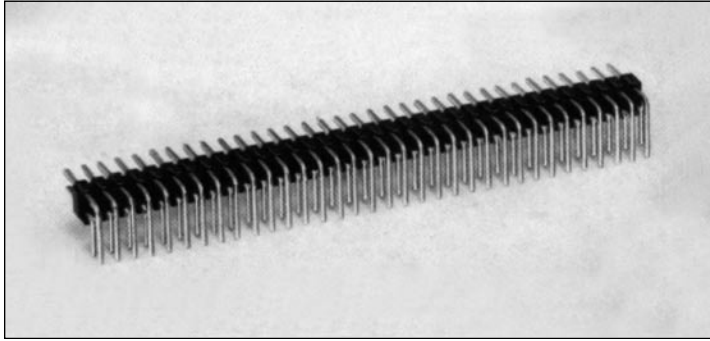
Methode Electronics Far East, Pte. Ltd.

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65-68615444 • Fax: 65-68614777

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.100" (2.54mm) Single Row, Through Hole, Right Angle Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-33-1XX-XX

PIN NUMBER
(SEE TABLE II)

NUMBER OF POSITIONS
(SEE TABLE I)

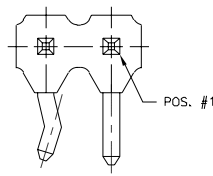
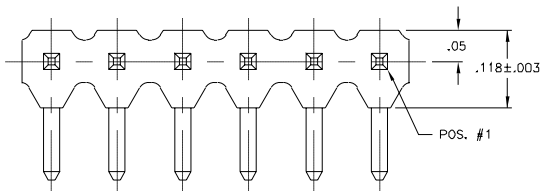
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

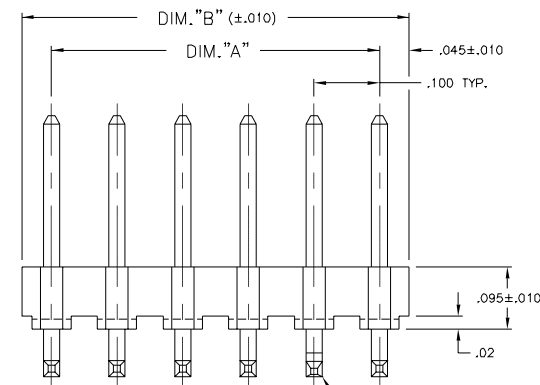
NOTES:

- 1) INSULATOR MATERIAL: 910X - POLYESTER (PET), 30% G.R., U.L. 94V-0, COLOR IS BLACK; 911X - POLYESTER (PCT), 30% G.R., U.L. 94V-0, COLOR IS BLACK.
- 2) PIN MATERIAL: PHOSPHOR BRONZE.
- 3) PIN FINISH: 91X0 - TIN/LEAD OVER NICKEL PLATE; 91X2 - GOLD (.000015 THICK) OVER NICKEL PLATE (.000030 THICK); 91XB - SEL. GOLD (.000030 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK); 91XF - SEL. GOLD (.000015 THICK) AND SEL. 90/10 TIN/LEAD (.0001/.0002 THICK) WITH NICKEL UNDERPLATE OVERALL (.000050 THICK).

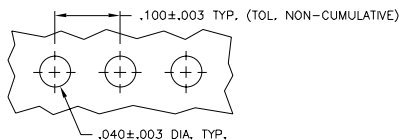
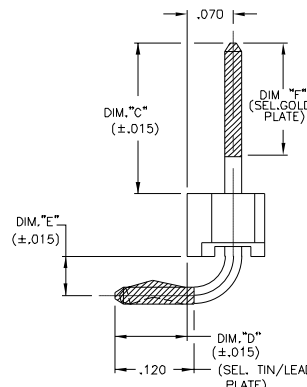


DETAIL "A"
TAIL FORM CONFIGURATION
FOR 2 POS. ASS'Y. ONLY

TABLE II					
PART No.	DIM "C"	DIM "D"	DIM "E"	DIM "F"	
91XX-33-1XX-01	.230	.110	.060	.160	
91XX-33-1XX-02	.320	.110	.060	.200	
91XX-33-1XX-03	.400	.110	.060	.200	
91XX-33-1XX-04	.465	.110	.155	---	



1ST RETENTION TAIL TO BE FORMED AT POS. #2.
TYPICAL FOR 3-THRU-40 POS. ASSEMBLIES; SEE TABLE I FOR 2ND & 3RD FORMED TAIL LOCATIONS; SEE DETAIL "A" FOR TAIL FORM CONFIGURATION FOR 2 POS. ASS'Y.



RECOMMENDED P.C. BOARD LAYOUT

TABLE I					2ND TAIL POS.	3RD TAIL POS.
PART No.	No. OF POS.	DIM "A"	DIM "B"			
91XX-33-102-XX	2	.100	.190	---	---	---
↑ -103-	3	.200	.290	---	---	---
↑ -104-	4	.300	.390	---	---	---
↑ -105-	5	.400	.490	4	---	---
↑ -106-	6	.500	.590	5	---	---
↑ -107-	7	.600	.690	6	---	---
↑ -108-	8	.700	.790	7	---	---
↑ -109-	9	.800	.890	8	---	---
↑ -110-	10	.900	.990	9	---	---
↑ -111-	11	1.000	1.090	10	---	---
↑ -112-	12	1.100	1.190	11	---	---
↑ -113-	13	1.200	1.290	12	---	---
↑ -114-	14	1.300	1.390	13	---	---
↑ -115-	15	1.400	1.490	14	---	---
↑ -116-	16	1.500	1.590	15	---	---
↑ -117-	17	1.600	1.690	16	---	---
↑ -118-	18	1.700	1.790	17	---	---
↑ -119-	19	1.800	1.890	18	---	---
↑ -120-	20	1.900	1.990	19	---	---
↑ -121-	21	2.000	2.090	20	11	---
↑ -122-	22	2.100	2.190	21	11	---
↑ -123-	23	2.200	2.290	22	12	---
↑ -124-	24	2.300	2.390	23	12	---
↑ -125-	25	2.400	2.490	24	13	---
↑ -126-	26	2.500	2.590	25	13	---
↑ -127-	27	2.600	2.690	26	14	---
↑ -128-	28	2.700	2.790	27	14	---
↑ -129-	29	2.800	2.890	28	15	---
↑ -130-	30	2.900	2.990	29	15	---
↑ -131-	31	3.000	3.090	30	16	---
↑ -132-	32	3.100	3.190	31	16	---
↑ -133-	33	3.200	3.290	32	17	---
↑ -134-	34	3.300	3.390	33	17	---
↑ -135-	35	3.400	3.490	34	18	---
↑ -136-	36	3.500	3.590	35	18	---
↑ -137-	37	3.600	3.690	36	19	---
↑ -138-	38	3.700	3.790	37	19	---
↑ -139-	39	3.800	3.890	38	20	---
91XX-33-140-XX	40	3.900	3.990	39	20	---



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Far East:

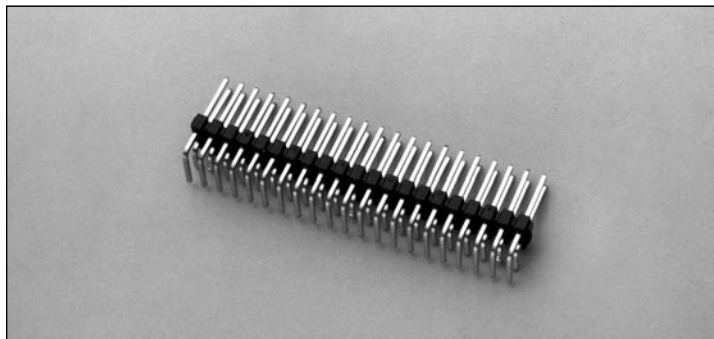
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.100" (2.54mm) Dual Row, Through Hole, Right Angle Header with Retention Tails



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-33-2XX-XX

PIN NUMBER
(SEE TABLE 2)

NUMBER OF POSITIONS PER ROW
(SEE TABLE 1)

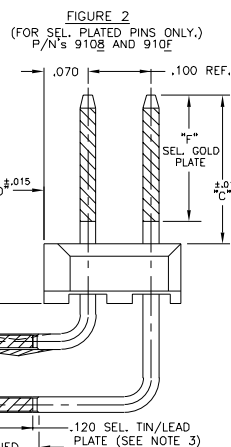
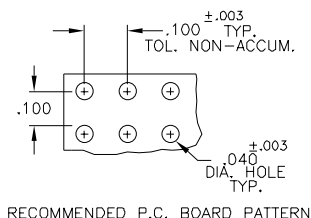
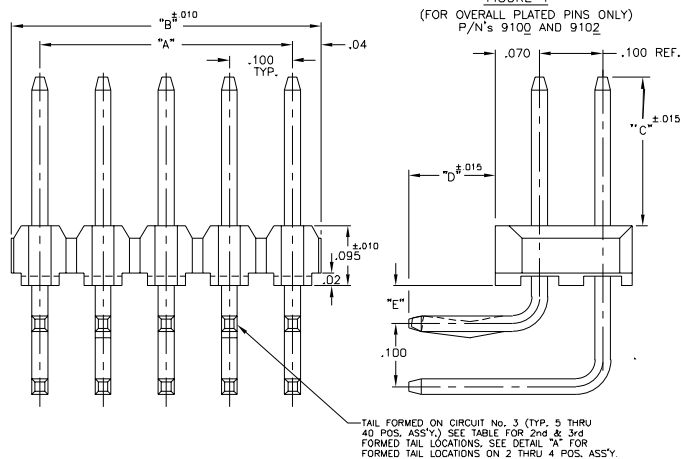
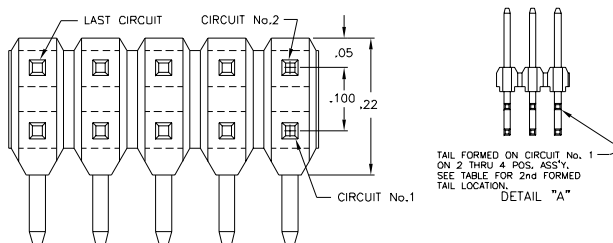
PIN PLATING (SEE NOTE 3)

INSULATOR MATERIAL (SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES

NOTES:

- INSULATOR MATERIAL : 910X - GLASS FILLED POLYESTER (PET); UL 94V-0; COLOR: BLACK
911X - GLASS FILLED POLYESTER (PCT); UL 94V-0; COLOR: BLACK
- PIN MATERIAL : PHOSPHOR BRONZE
- PIN FINISH :
910Q - BRITE TIN OVER NICKEL PLATE.
910J - .000015 GOLD OVER NICKEL PLATE.
910B - .000050/.000150 NICKEL PLATE ALL OVER; .000030 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.
910E - .000050/.000150 NICKEL PLATE ALL OVER; .000015 SEL. GOLD PLATE AS INDICATED; .0001-.0002 SEL. 90/10 TIN/LEAD ON SOLDER TAIL AS INDICATED.



PART No.	"C"	"D"	"E"	"F"
-01	.230	.110	.06	.200
-02	.320	.110	.06	.200
-03	.225 ± .008	.085 ± .008	.035	.200
-04	.342 ± .008	.102	.06	.200

PART NUMBER	NO. OF CIRCuits	DIM. A	DIM. B	2nd FORMED TAIL LOCATION CIRCUIT No.	3rd FORMED TAIL LOCATION CIRCUIT No.
910X-33-202-XX	4	1.100	1.790	3	-
-203	6	.200	.290	5	-
-204	8	.300	.390	7	-
-205	10	.400	.490	9	-
-206	12	.500	.590	11	-
-207	14	.600	.690	13	-
-208	16	.700	.790	15	-
-209	18	.800	.890	17	-
-210	20	.900	.990	19	-
-211	22	1.000	1.090	21	-
-212	24	1.100	1.190	23	-
-213	26	1.200	1.290	25	-
-214	28	1.300	1.390	27	-
-215	30	1.400	1.490	29	-
-216	32	1.500	1.590	31	-
-217	34	1.600	1.690	33	-
-218	36	1.700	1.790	35	-
-219	38	1.800	1.890	37	-
-220	40	1.900	1.990	39	21
-221	42	2.000	2.090	41	21
-222	44	2.100	2.190	43	23
-223	46	2.200	2.290	45	25
-224	48	2.300	2.390	47	27
-225	50	2.400	2.490	49	29
-226	52	2.500	2.590	51	31
-227	54	2.600	2.690	53	33
-228	56	2.700	2.790	55	35
-229	58	2.800	2.890	57	37
-230	60	2.900	2.990	59	39
-231	62	3.000	3.090	61	41
-232	64	3.100	3.190	63	43
-233	66	3.200	3.290	65	45
-234	68	3.300	3.390	67	47
-235	70	3.400	3.490	69	49
-236	72	3.500	3.590	71	51
-237	74	3.600	3.690	73	53
-238	76	3.700	3.790	75	55
-239	78	3.800	3.890	77	57
910X-33-240-XX	80	3.900	3.990	79	59



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Far East:

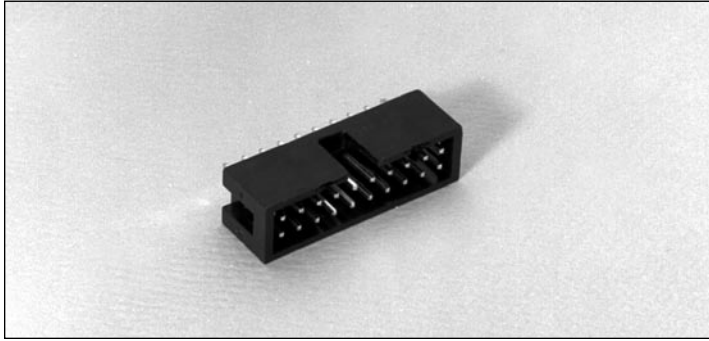
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.100" (2.54mm) Dual Row, Through Hole, Vertical Polarizing Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-40-2XX-01

NUMBER OF POSITIONS
(SEE TABLE)

PIN PLATING
(SEE NOTE 2)

INSULATOR MATERIAL
(SEE NOTE 1)

MATING CONNECTORS: 9000 SERIES & 9300-6XX/7XX SERIES

NOTES:

1) MATERIALS

INSULATOR

9100-40-2XX-01: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-40-2XX-01: POLYESTER (PCT), 30% GLASS FILLED, UL94V-0

PINS: PHOSPHOR BRONZE

2) PIN FINISH:

91XX-40-2XX-01: BRUTE TIN OVER NICKEL PLATE

91X8-40-2XX-01: .000050 NICKEL PLATE ALL OVER;

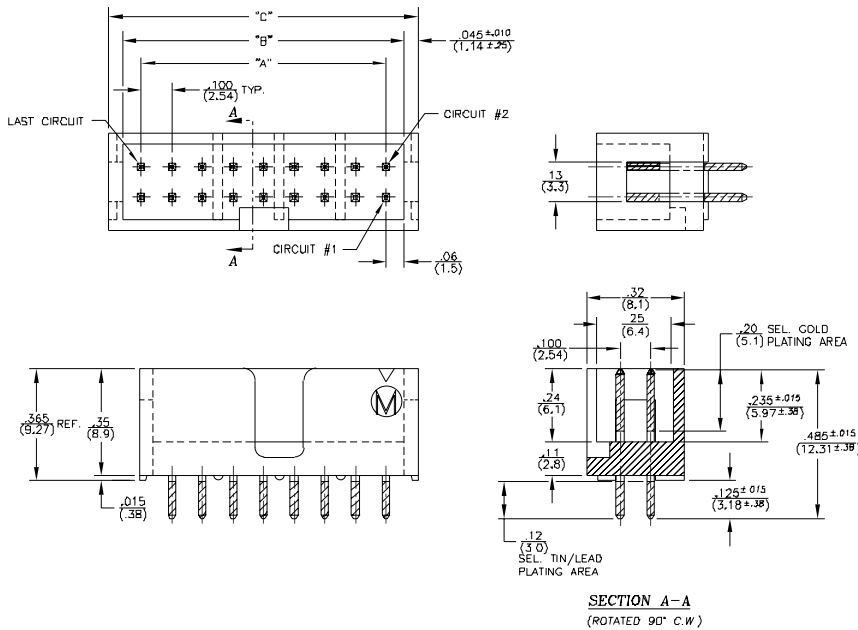
000030 SEL. GOLD IN MATING AREA;

0001-0002 SEL. TIN/LEAD ON SOLDER TAIL.

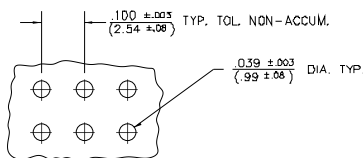
91XE-40-2XX-01: .000050 NICKEL PLATE ALL OVER;

000015 SEL. GOLD IN MATING AREA;

0001-0002 SEL. TIN/LEAD ON SOLDER TAIL.



SECTION A-A
(ROTATED 90° C.W.)

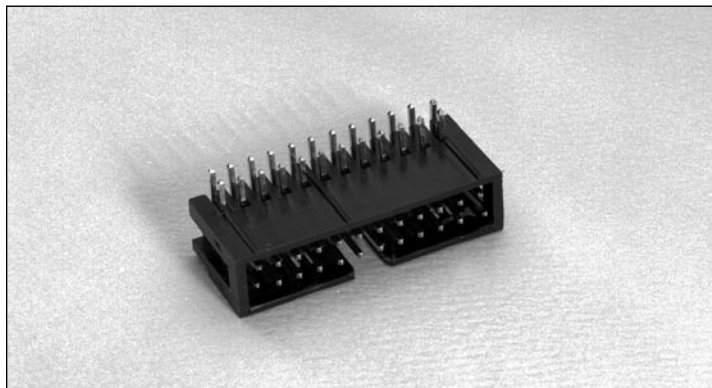


RECOMMENDED P.C. BOARD LAYOUT

PART NUMBER	NO. OF POSITIONS	DIM "A"	DIM "B"	DIM "B"
91XX-40-202-01	4	.100 (2.54)	.220 (5.58)	.310 (7.87)
↑ -203	6	.200 (5.08)	.320 (8.13)	.410 (10.41)
↑ -204	8	.300 (7.62)	.420 (10.67)	.510 (12.95)
↑ -205	10	.400 (10.16)	.520 (13.21)	.610 (15.49)
↑ -206	12	.500 (12.70)	.620 (15.75)	.710 (18.03)
↑ -207	14	.600 (15.24)	.720 (18.29)	.810 (20.57)
↑ -208	16	.700 (17.78)	.820 (20.83)	.910 (23.11)
↑ -209	18	.800 (20.32)	.920 (23.37)	1.010 (25.65)
↑ -210	20	.900 (22.86)	1.020 (25.91)	1.110 (28.19)
↑ -211	22	1.000 (25.40)	1.120 (28.45)	1.210 (30.73)
↑ -212	24	1.100 (27.94)	1.220 (30.99)	1.310 (33.27)
↑ -213	26	1.200 (30.48)	1.320 (33.53)	1.410 (35.81)
↑ -214	28	1.300 (33.02)	1.420 (36.07)	1.510 (38.35)
↑ -215	30	1.400 (35.56)	1.520 (38.61)	1.610 (40.89)
↑ -216	32	1.500 (38.10)	1.620 (41.15)	1.710 (43.43)
↑ -217	34	1.600 (40.64)	1.720 (43.69)	1.810 (45.97)
↑ -218	36	1.700 (43.18)	1.820 (46.23)	1.910 (48.51)
↑ -219	38	1.800 (45.72)	1.920 (48.77)	2.010 (51.05)
↑ -220	40	1.900 (48.26)	2.020 (51.31)	2.110 (53.59)
91XX-40-221-01	42	2.000 (50.80)	2.120 (53.85)	2.210 (56.13)

PART NUMBER	NO. OF POSITIONS	DIM "A"	DIM "B"	DIM "B"
91XX-40-222-01	44	2.100 (53.34)	2.220 (56.88)	2.310 (58.93)
↑ -223	46	2.200 (55.88)	2.320 (59.14)	2.410 (61.21)
↑ -224	48	2.300 (58.42)	2.420 (61.47)	2.510 (63.75)
↑ -225	50	2.400 (60.96)	2.520 (64.01)	2.610 (66.29)
↑ -226	52	2.500 (63.50)	2.620 (66.55)	2.710 (68.83)
↑ -227	54	2.600 (66.04)	2.720 (69.09)	2.810 (71.37)
↑ -228	56	2.700 (68.58)	2.820 (71.63)	2.910 (73.91)
↑ -229	58	2.800 (71.12)	2.920 (74.17)	3.010 (76.45)
↑ -230	60	2.900 (73.66)	3.020 (76.71)	3.110 (78.99)
↑ -231	62	3.000 (76.20)	3.120 (79.25)	3.210 (81.53)
↑ -232	64	3.100 (78.74)	3.220 (81.79)	3.310 (84.07)
↑ -233	66	3.200 (81.28)	3.320 (84.33)	3.410 (86.61)
↑ -234	68	3.300 (83.82)	3.420 (86.87)	3.510 (89.15)
↑ -235	70	3.400 (86.36)	3.520 (89.41)	3.610 (91.69)
↑ -236	72	3.500 (88.90)	3.620 (91.95)	3.710 (94.23)
↑ -237	74	3.600 (91.44)	3.720 (94.49)	3.810 (96.77)
↑ -238	76	3.700 (93.98)	3.820 (97.03)	3.910 (99.31)
↑ -239	78	3.800 (96.52)	3.920 (99.57)	4.010 (101.85)
91XX-40-240-01	80	3.900 (99.06)	4.020 (102.11)	4.110 (104.39)

.100" (2.54mm) Dual Row, Through Hole, Right Angle, Polarizing Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-41-2XX-01

NUMBER OF POSITIONS
(SEE TABLE)

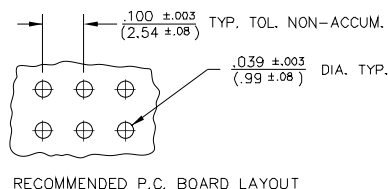
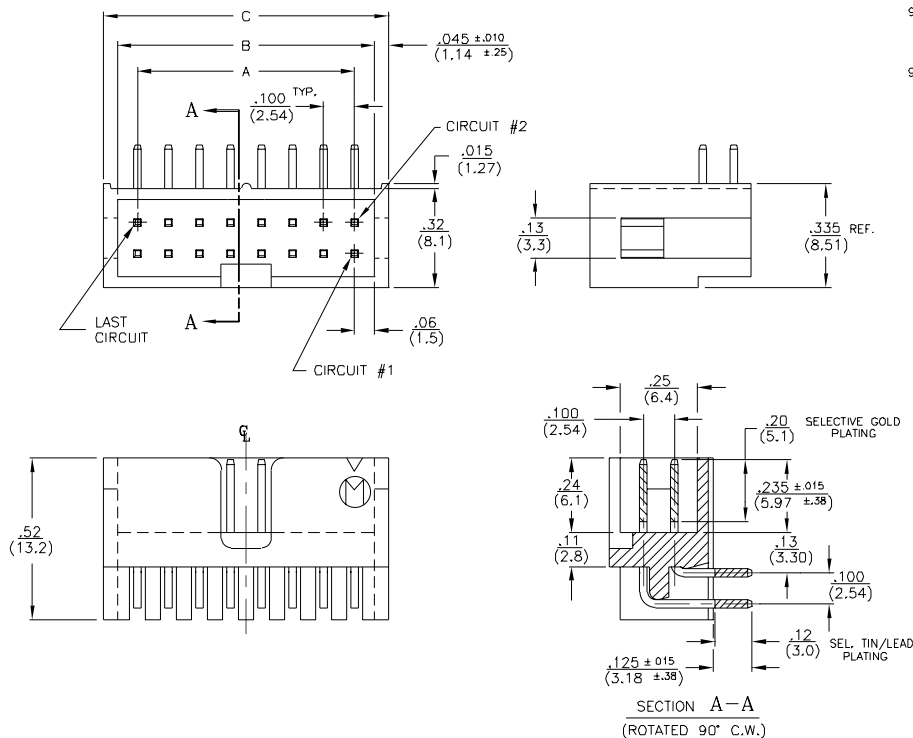
PIN PLATING
(SEE NOTE 3)

INSULATOR MATERIAL
(SEE NOTE 2)

MATING CONNECTORS: 9000 SERIES & 9300-6XX/7XX SERIES

NOTES:

- ALL DIMENSIONS ARE IN IN./ (MM.)
- INSULATOR MATERIAL : 9100-40-2XX-01; POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-40-2XX-01; POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- PIN MATERIAL : PHOSPHOR BRONZE.
- PIN FINISH :
9100 - TIN/LEAD OVER NICKEL PLATE.
9108 - .000050 NICKEL PLATE ALL OVER;
.000030 SELECTIVE GOLD IN MATING AREA, .0001-.0002 SEL. TIN/LEAD ON SOLDER TAIL.
910F - .000050 NICKEL PLATE ALL OVER;
.000015 SELECTIVE GOLD IN MATING AREA, .0001-.0002 SEL. TIN/LEAD ON SOLDER TAIL.



PART NO.	No. OF CIRCUITS	A ± .005 (±.13)	B ±.010 (±.25)	C ±.010 (±.25)
910X-41-202-01	4	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -203- ↑	6	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -204- ↑	8	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -205- ↑	10	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -206- ↑	12	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -207- ↑	14	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -208- ↑	16	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -209- ↑	18	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -210- ↑	20	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -211- ↑	22	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -212- ↑	24	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -213- ↑	26	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -214- ↑	28	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -215- ↑	30	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -216- ↑	32	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -217- ↑	34	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -218- ↑	36	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -219- ↑	38	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -220- ↑	40	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -221- ↑	42	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -222- ↑	44	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -223- ↑	46	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -224- ↑	48	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -225- ↑	50	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -226- ↑	52	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -227- ↑	54	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -228- ↑	56	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -229- ↑	58	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -230- ↑	60	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -231- ↑	62	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -232- ↑	64	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -233- ↑	66	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -234- ↑	68	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -235- ↑	70	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -236- ↑	72	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -237- ↑	74	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -238- ↑	76	.100 (2.54)	.220 (5.59)	.410 (7.87)
↑ -239- ↑	78	.100 (2.54)	.220 (5.59)	.410 (7.87)
910X-41-240-01	80	.100 (2.54)	.220 (5.59)	.410 (7.87)



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Email: info@methode.ie • Web: ireland.methode.com/main.html

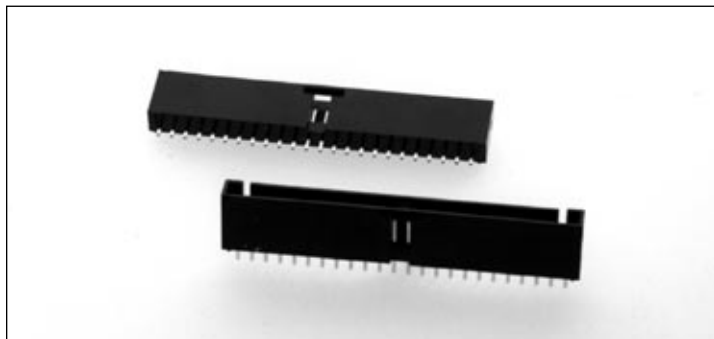
Far East:

Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



PART NUMBER LEGEND

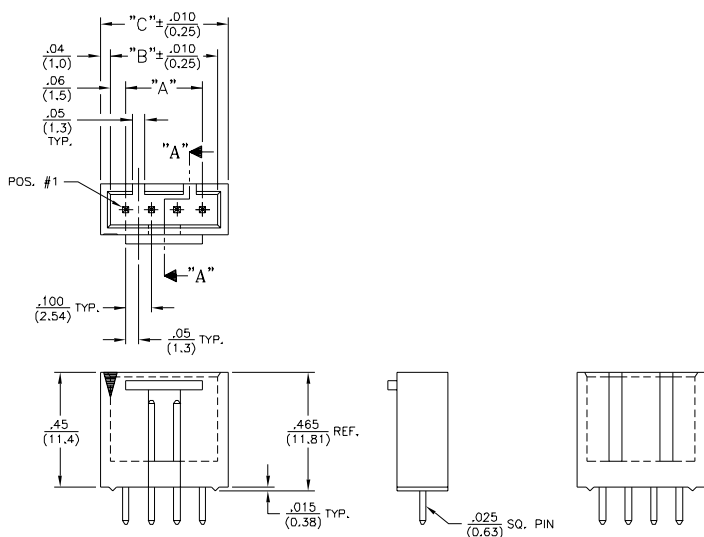
91XX-6-1XX-01

91XX-6-1XX-01

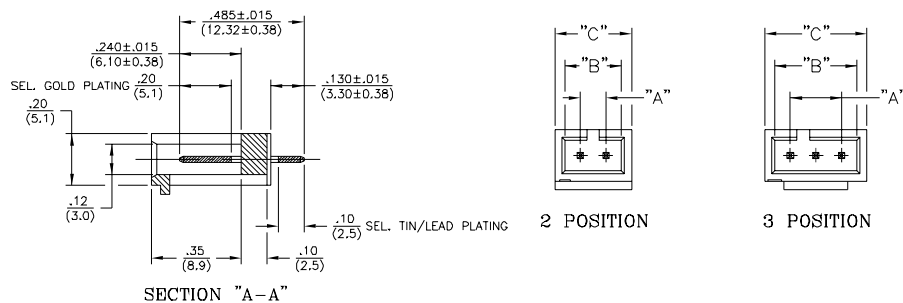
– **PIN PLATING**
(SEE NOTE 4)

- **INSULATOR MATERIAL**
(SEE NOTE 2)

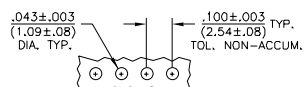
MATING CONNECTORS: 9300 SERIES RECEPTACLES



4 THRU 40 POSITION



SECTION "A-A"



RECOMMENDED P.C. BOARD LAYOUT

NOTES:

1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).

2) INSULATOR MATERIAL = 910X - POLYESTER (PBT); 30% GLASS FILLED; UL 94V-0
911X - POLYESTER (PCT); 30% GLASS FILLED; UL 94V-0;

3) PIN MATERIAL = PHOSPHOR BRONZE.

4) PIN FINISH =

9100 - TIN OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL.
TIN/LEAD (.0001/.0002) WITH NICKEL
UNDERPLATE OVERLAY;

910F - SEL. GOLD PLATE (.000015) AND SEL.
TIN/LEAD (.0001/.0002) WITH NICKEL
UNDERPLATE OVERALL;

No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-6-102-01	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	↓ ↓ ↓	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	103	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-6-140-01	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)



North and South America:

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Email: info@methode.ie • Web: ireland.methode.com/main.html

Far East:

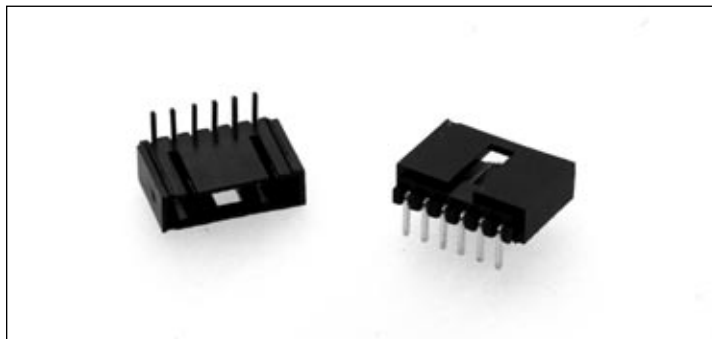
Methode Electronics Far East, Pte. Ltd.

1 Tuas Lane, Jurong Town • Singapore 638610

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.100" (2.54mm) Single Row, Through Hole, Right Angle Shrouded Header



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

91XX-7-1XX-01

NUMBER OF POSITIONS
(SEE TABLE)

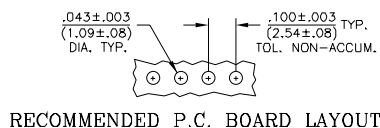
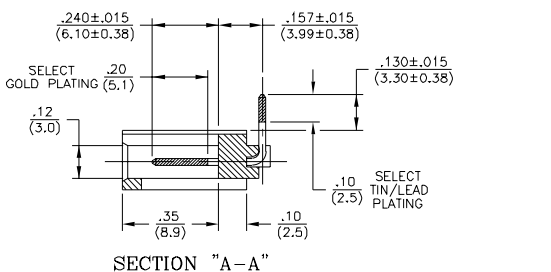
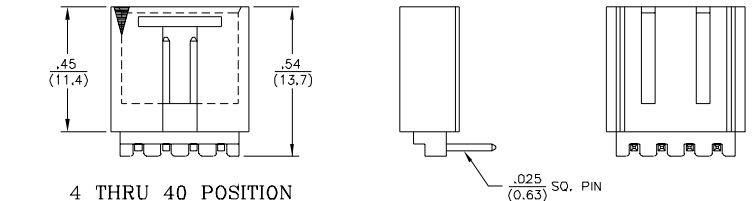
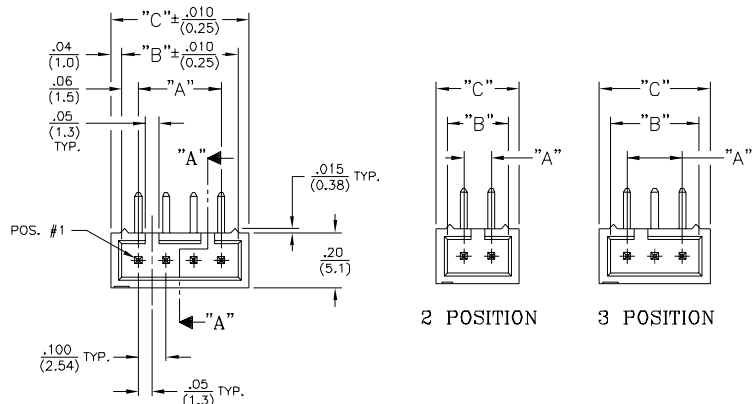
PIN PLATING
(SEE NOTE 4)

INSULATOR MATERIAL
(SEE NOTE 2)

MATING CONNECTORS: 9300 SERIES RECEPTACLES

NOTES:

- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL = 9100-7-2XX-01: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-7-2XX-01: POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- 3) PIN MATERIAL = PHOSPHOR BRONZE.
- 4) PIN FINISH =
9100 - TIN OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;



No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-7-102-01	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	103	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-7-140-01	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)



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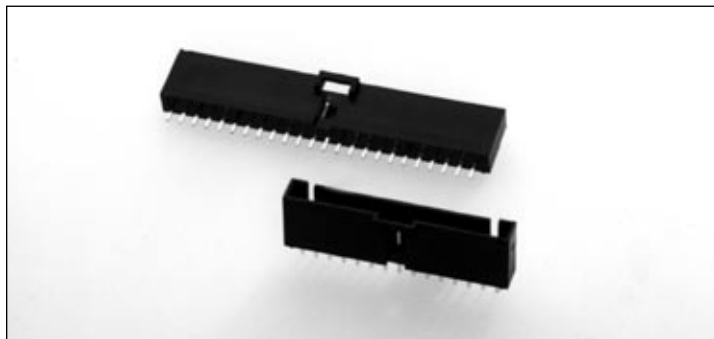
Far East:

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65-68615444 • Fax: 65-68614777

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PART NUMBER | LEGEND

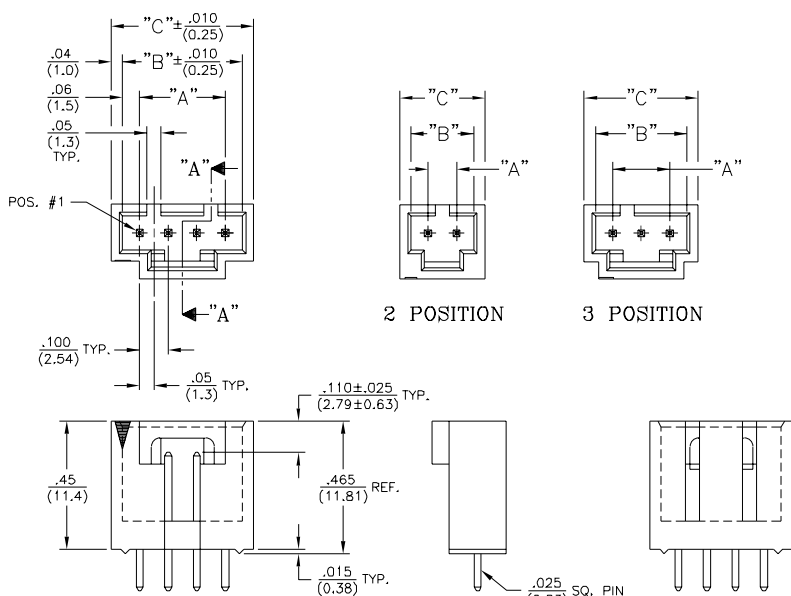
– **PIN NUMBER**
(SEE TABLE II)

— NUMBER OF POSITIONS
(SEE TABLE I)

— **PIN PLATING**
(SEE NOTE 4)

— INSULATOR MATERIAL
(SEE NOTE 2)

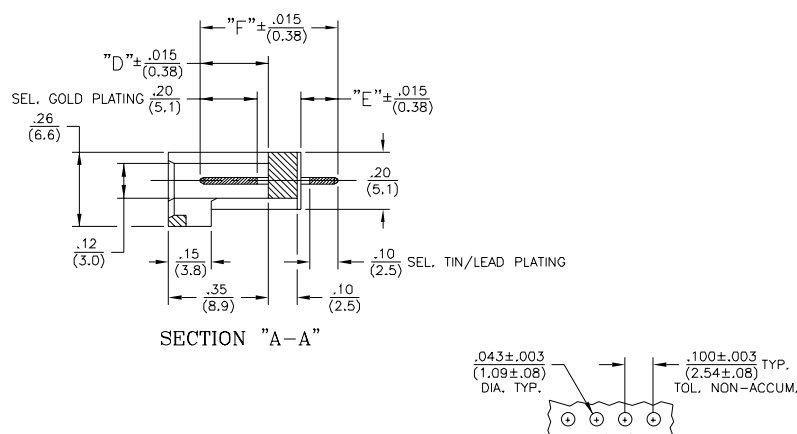
MATING CONNECTORS: 9300 SERIES RECEPTACLES



UNDERPLATE OVERALL;

PART No.	DIM "D"	DIM "E"	DIM "F"
910X-8-1XX-01	.240/(6.10)	.130/(3.30)	.485/(12.32)
910X-8-1XX-02	.240/(6.10)	.205/(5.21)	.560/(14.22)

No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-B-102-xx	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	↑	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-R-140-xx	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)

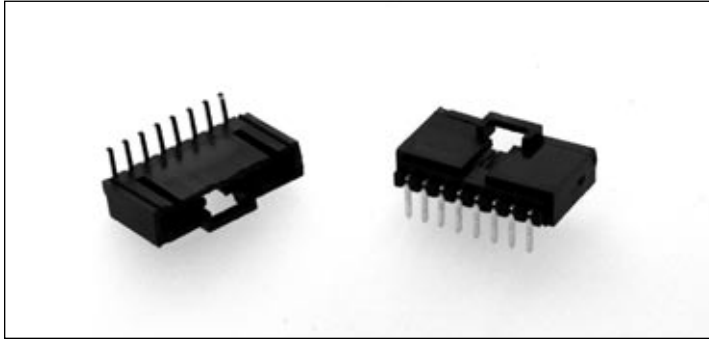


RECOMMENDED P.C. BOARD LAYOUT



Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html

.100" (2.54mm) Single Row, Through Hole, Right Angle Shrouded Header with Latch



9100 SERIES ("POST/BOXE")

PART NUMBER LEGEND

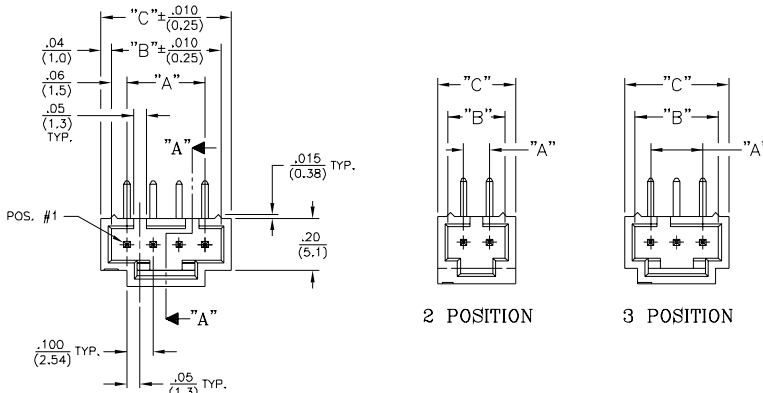
91XX-9-1XX-0X

- PIN NUMBER**
(SEE TABLE II)
- NUMBER OF POSITIONS**
(SEE TABLE I)
- PIN PLATING**
(SEE NOTE 4)
- INSULATOR MATERIAL**
(SEE NOTE 2)

MATING CONNECTORS: 9300 SERIES RECEPTACLES

NOTES:

- 1) ALL DIMENSIONS ARE SHOWN AS INCHES/(MM).
- 2) INSULATOR MATERIAL =
9100-9-2XX-01: POLYESTER (PBT), 30% GLASS FILLED, UL94V-0
9110-9-2XX-01: POLYESTER (PCT), 30% GLASS FILLED, UL94V-0
- 3) PIN MATERIAL = PHOSPHOR BRONZE.
- 4) PIN FINISH =
9100 - TIN OVER NICKEL PLATE;
9108 - SEL. GOLD PLATE (.000030) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;
910E - SEL. GOLD PLATE (.000015) AND SEL. TIN/LEAD (.0001/.0002) WITH NICKEL UNDERPLATE OVERALL;



4 THRU 40 POSITION

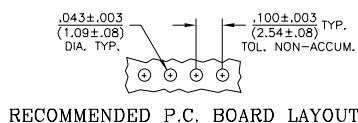
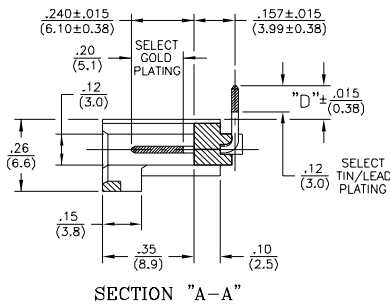
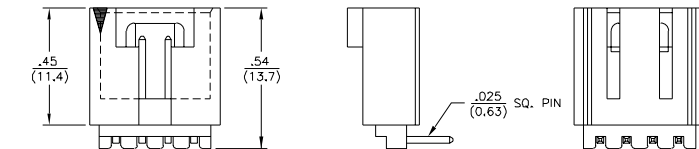


TABLE I				
No. OF POS.	PART No.	DIM "A"	DIM "B"	DIM "C"
2	910X-9-102-0X	.100/(2.54)	.220/(5.59)	.300/(7.62)
3	103	.200/(5.08)	.320/(8.13)	.400/(10.16)
4	104	.300/(7.62)	.420/(10.67)	.500/(12.70)
5	105	.400/(10.16)	.520/(13.21)	.600/(15.24)
6	106	.500/(12.70)	.620/(15.75)	.700/(17.78)
7	107	.600/(15.24)	.720/(18.29)	.800/(20.32)
8	108	.700/(17.78)	.820/(20.83)	.900/(22.86)
9	109	.800/(20.32)	.920/(23.37)	1.000/(25.40)
10	110	.900/(22.86)	1.020/(25.91)	1.100/(27.94)
11	111	1.000/(25.40)	1.120/(28.45)	1.200/(30.48)
12	112	1.100/(27.94)	1.220/(30.99)	1.300/(33.02)
13	113	1.200/(30.48)	1.320/(33.53)	1.400/(35.56)
14	114	1.300/(33.02)	1.420/(36.07)	1.500/(38.10)
15	115	1.400/(35.56)	1.520/(38.61)	1.600/(40.64)
16	116	1.500/(38.10)	1.620/(41.15)	1.700/(43.18)
17	117	1.600/(40.64)	1.720/(43.69)	1.800/(45.72)
18	118	1.700/(43.18)	1.820/(46.23)	1.900/(48.26)
19	119	1.800/(45.72)	1.920/(48.77)	2.000/(50.80)
20	120	1.900/(48.26)	2.020/(51.31)	2.100/(53.34)
21	121	2.000/(50.80)	2.120/(53.85)	2.200/(55.88)
22	122	2.100/(53.34)	2.220/(56.39)	2.300/(58.42)
23	123	2.200/(55.88)	2.320/(58.93)	2.400/(60.96)
24	124	2.300/(58.42)	2.420/(61.47)	2.500/(63.50)
25	125	2.400/(60.96)	2.520/(64.01)	2.600/(66.04)
26	126	2.500/(63.50)	2.620/(66.55)	2.700/(68.58)
27	127	2.600/(66.04)	2.720/(69.09)	2.800/(71.12)
28	128	2.700/(68.58)	2.820/(71.63)	2.900/(73.66)
29	129	2.800/(71.12)	2.920/(74.17)	3.000/(76.20)
30	130	2.900/(73.66)	3.020/(76.71)	3.100/(78.74)
31	131	3.000/(76.20)	3.120/(79.25)	3.200/(81.28)
32	132	3.100/(78.74)	3.220/(81.79)	3.300/(83.82)
33	133	3.200/(81.28)	3.320/(84.33)	3.400/(86.36)
34	134	3.300/(83.82)	3.420/(86.87)	3.500/(88.90)
35	135	3.400/(86.36)	3.520/(89.41)	3.600/(91.44)
36	136	3.500/(88.90)	3.620/(91.95)	3.700/(93.98)
37	137	3.600/(91.44)	3.720/(94.49)	3.800/(96.52)
38	138	3.700/(93.98)	3.820/(97.03)	3.900/(99.06)
39	139	3.800/(96.52)	3.920/(99.57)	4.000/(101.60)
40	910X-9-140-0X	3.900/(99.06)	4.020/(102.11)	4.100/(104.14)

TABLE II	
PART No.	DIM "D"
910X-9-1XX-01	.130/(3.30)
910X-9-1XX-02	.079/(2.00)
910X-9-1XX-03	.200/(5.08)



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