



Automotive Parts > Automotive Connectors > Data Connectivity Housings



Connector System: **Wire-to-Wire**
Sealable: **No**
Cable Exit Angle: **180 °**
Number of Positions: **12**
Connector & Keying Code: **A**

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
Mixed & Hybrid Connector	No
Connector System	Wire-to-Wire
Sealable	No
Connector & Housing Type	Housing for Female Terminals

Configuration Features

Snap-Lock	With
Number of Rows	2
Number of Positions	12

Electrical Characteristics

Operating Voltage	60 VDC
Impedance	100 Ω

Body Features

Ferrule	With
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Body Material	PBT GF
Cable Exit Type	Straight to Straight
Cable Exit Angle	180 °
Connector & Keying Code	A

Contact Features

Contact Mating Area Plating Material	Silver (Ag), Tin (Sn)
Center Contact	With
Contact Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Centerline (Pitch)	7.8 mm[.307 in]

Dimensions

Product Width	25.6 mm[1.008 in]
Product Length	29.3 mm[1.154 in]
Connector Height	20.25 mm[.797 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Cable Type	UTP
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Operating Frequency Range	0 – .6 GHz
Shielded	No
Circuit Application	Signal



Industry Standards

IP Rating	IPX9K
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Packaging Features

Packaging Method	Bag & Box
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Other

Connector Position Assurance Capable	No
Dielectric Material	PA

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2302450-1
MATENET, FEMALE INSERT MODUL, BLACK

Customers Also Bought



TE Part #5-928999-1
MQS0,63 Sn rec LL unseal. >0,2-0,35



TE Part #1-969508-2
6POS MQS REC COD A



TE Part #1123343-2
025 REC CONTACT GOLD FORMING



TE Part #1379100-1
COV+LEV MQS 18W 0DEG BLK



TE Part #2302454-1
1-PORT MATENET FRAME,UTP, COD A



TE Part #2305974-1
2-PORT MATENET FRAME,UTP, COD A



TE Part #2362764-3
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362767-5
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362764-2
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362767-1
MATENET,CABLE ASSY,1 GBPS UTP

Documents

Product Drawings

2x3 PORT MATEnet FRAME, CODE A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2317303-1_D.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2317303-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2317303-1_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[DATA CONNECTIVITY SOLUTIONS](#)

English

Product Specifications

[Application Specification](#)

English