

254846-E ✓ ACTIVE

TE Internal #: 254846-E

Receptacle, Board-to-Board, 64 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 2 Row, Vertical, 32 Column, Eurocard
Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

Connector System: **Board-to-Board**

Termination Post & Tail Length: **5.5 mm [.217 in]**

Number of Positions: **64**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
DIN Level	II

Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	64
Number of Rows	2
PCB Mount Orientation	Vertical
Number of Columns	32
Rows Loaded	A, B
Number of Signal Positions	64

Contact Features



Contact Base Material	Copper Alloy
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Contact Type	Receptacle
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	5.5 mm[.217 in]
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	PBT GF30
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Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

Connector Width	11.6 mm
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Connector Height	8.1 mm
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Connector Length	95 mm
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Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	UL E84703
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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
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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
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Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not reviewed for solder process capability

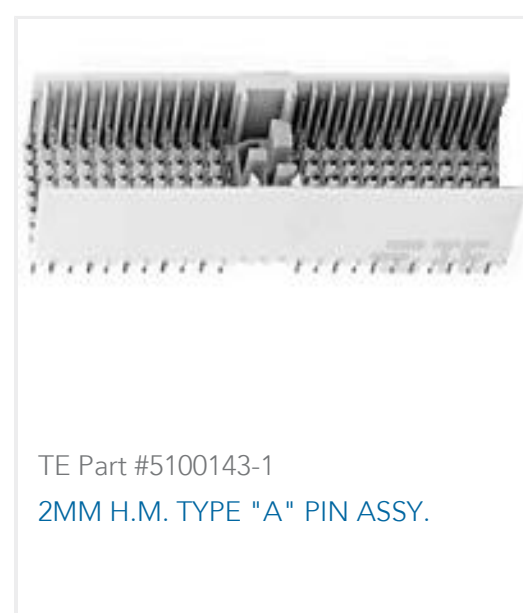
Product Compliance Disclaimer

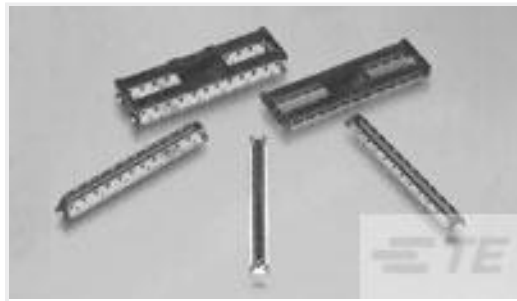
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought





TE Part #3-6318491-6
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes

Documents

Product Drawings

[STVB 64 F AB VV 7-00 EE 5,5 * 247 E007 1](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_254846-E_1.3d_igs.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_254846-E_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_254846-E_1.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English