



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



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

Number of Positions: **14**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Ribbon Cable Connector Type	Female-on-Board
Connector Product Type	Connector Assembly
Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	14
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	100 VAC

Body Features

Connector Profile	Standard
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Contact Features

Contact Layout	Staggered
PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]



Contact Type	Receptacle
Contact Mating Area Plating Material Thickness	3 – 5 µm[118.11 – 196.85 µin]
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Bottom
Housing Material	PA 4.6 GF
Housing Color	Red
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	1.5 mm[.059 in]
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Rating	Recognized
UL File Number	E28476



Agency/Standard	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1200
Packaging Method	Reel

Product Compliance

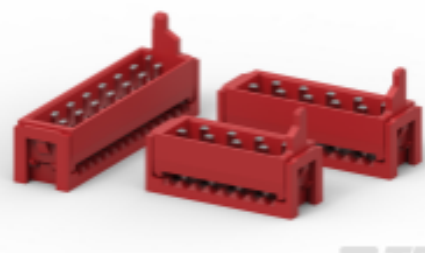
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

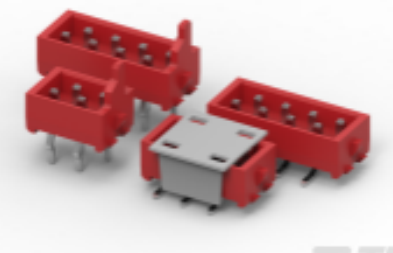
Product Compliance Disclaimer

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>

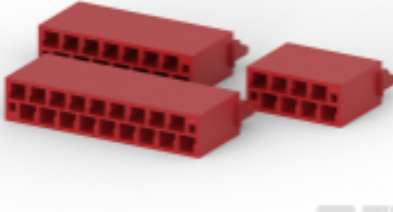
Compatible Parts



TE Part # CAT-M5833-M2934A
MALE-ON-WIRE CONNECTOR

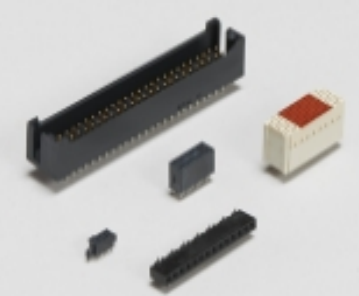


TE Part # CAT-M5833-M2934
MALE-ON-BOARD CONNECTOR



TE Part # CAT-M5833-C8684
CRIMP-ON-SNAP-IN HOUSING

Also in the Series | Micro-MaTch Industrial



Board-to-Board Headers & Receptacles(1)



Insertion & Extraction Tools(1)



Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(204)

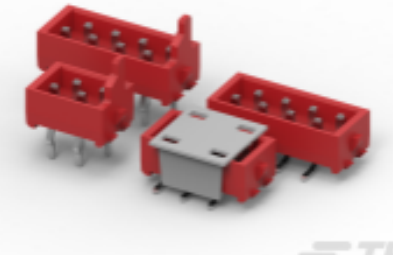


Wire-to-Board Connector Contacts(4)

Customers Also Bought



TE Part #1-640388-0
10P MTA156 HDR ASSY RN STR F/L



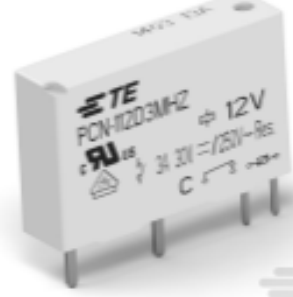
TE Part #1-338728-4
MALE-ON-BOARD CONNECTOR



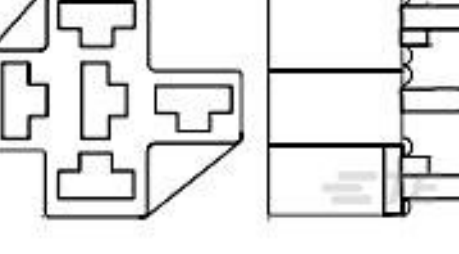
TE Part #1676232-3
RN 0805 1K43 0.1% 10PPM 5KRL



TE Part #1461247-3
STD OEG Miniature PCB OJ/OJE Pow Relays



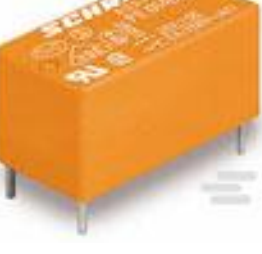
TE Part #1721547-1
PCN 3A/5A SLIM PCB RELAY 3VDC



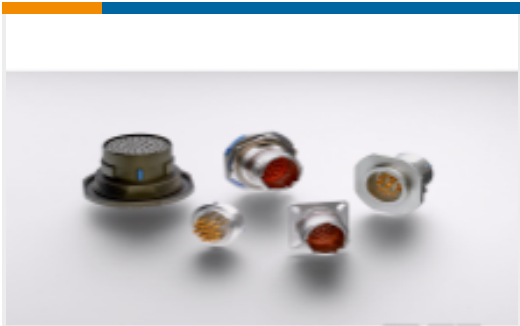
TE Part #1393310-3
VCF4-1000=FROM SEC



TE Part #1-1393239-3
RT114024



TE Part #1393219-3
PE014005



TE Part #YDBC53H-10-6PNV001
[HERM REC](#)



TE Part #1483352-1
[MICRO-MATCH LEAD 08P 100MM](#)

Documents

Product Drawings

[M-MATCH FEM. BOTTOM ENTRY SMD INB.CONN.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_8-188431-4_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-188431-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-188431-4_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Micro-MaTch Catalog](#)

English

[Centerline Micro-Match Connector Series](#)

English

Product Specifications

[Application Specification](#)

English