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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
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

Primary Product Color	Red
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
Contact Layout	Staggered
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
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
Agency/Standard	UL
Approved Standards	UL E28476
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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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

<p>TE Part # CAT-M5833-M2934A Male-on-Wire Connector, Micro-MaTch</p>	<p>TE Part # CAT-M5833-M2934 Male-on-Board Connector, Micro-MaTch</p>	<p>TE Part # 1-338095-4 MICRO-MATCH COSI HSG</p>
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Also in the Series | [Micro-MaTch Industrial](#)



Board-In Connectors(20)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(1)

Pluggable I/O Cable Assemblies(52)

Ribbon Cable Connectors(185)

Wire-to-Board Connector Contacts(4)

Customers Also Bought

TE Part #8-188275-4
MICRO-MATCH SMD FTE

TE Part #2273000-4
M8 x 1.0 straight plug Pigtail

TE Part #282841-2
TERMI-BLOK PCB MOUNT 2P. 5

TE Part #6368011-3
STK MJ,2X1,SHLD,I135,G/Y/G/Y L

TE Part #6-1879215-0
CPF 0402 18K7 0.1% 25PPM 1K RL

TE Part #58246-1
MTA 100 CRIMP HEAD REPAIR DISCRETE

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

TE Part #1-338088-3
8/8 INV.MOD.JACK

TE Part #2336568-1
RECEPT ASSY, RA, 168 POS, SLIVER 2.0

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

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Datasheets & Catalog Pages

[Micro-MaTch Catalog](#)

English

[Centerline Micro-Match Connector Series](#)

English

Product Specifications

[Application Specification](#)

English