1-338070-0 ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 1-338070-0

Cable-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Right Angle, Through Hole - Solder, 2 Row, Micro-MaTch Industrial,

Ribbon Cable Connectors

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



Connector System: Cable-to-Board

Number of Positions: 10

Centerline (Pitch): 2.54 mm [.1 in]
PCB Mount Retention: With

PCB Mount Retention Type: Kinked Legs

Features

Product Type Features

Connector Product Type	Connector Assembly
Ribbon Cable Connector Type	Female-on-Board
Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	10
PCB Mount Orientation	Right Angle
Number of Rows	2

Electrical Characteristics

Operating Voltage	100 VDC
Insulation Resistance	1000 ΜΩ

Body Features

Primary Product Color	Red
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte



Contact Mating Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
Contact Layout	Staggered
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Receptacle
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	1.5 A
Termination Features	
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Legs
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Board Mount
Housing Features	
Mating Entry Location	Side
Housing Material	Glass-Filled PBT
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Row-to-Row Spacing	1.5 mm[.059 in]
Usage Conditions	
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Compatible With Agency/Standards Products	UL



UL Rating	Recognized
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476
Packaging Features	
Packaging Features Packaging Quantity	2500

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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



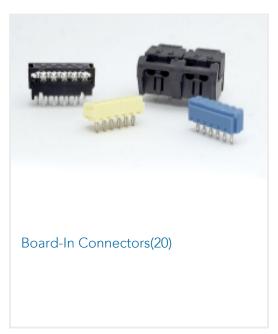


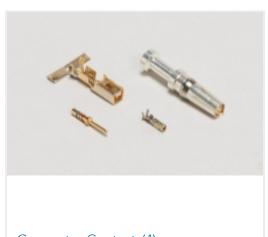
TE Part # CAT-M5833-M2934
Male-on-Board Connector, Micro-MaTch





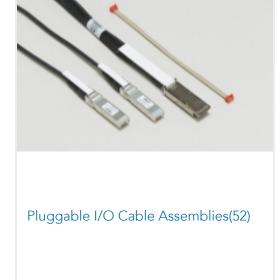
Also in the Series | Micro-MaTch Industrial







Insertion & Extraction Tools(1)



Connector Contacts(4)



Customers Also Bought





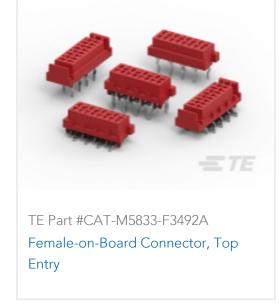
















Documents

Product Drawings

MICRO-MATCH FEM.SE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-338070-0_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-338070-0_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-338070-0_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

Datasheet - Ev Charging Board Signal Interconnects

English

Centerline Micro-Match Connector Series

English

Product Specifications

Product Specification

English