

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 338068-4 Ribbon Cable Connectors, Board-to-Board, 4 Position, 1.27 mm [.05 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Micro-MaTch Industrial

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

Female-on-Board Connector, Top Entry



Connector System: Board-to-Board Number of Positions: 4 Centerline (Pitch): 1.27 mm [.05 in] PCB Mount Retention: With PCB Mount Retention Type: Kinked Solder Tails All Female-on-Board Connector, Top Entry (67)

Features

Product Type Features

Ribbon Cable Connector Type

Female-on-Board



Ribbon Cable Connector Header Type	Shrouded	
Connector Product Type	Connector Assembly	
Connector System	Board-to-Board	
Connector & Housing Type	Receptacle	
Connector & Contact Terminates To	Printed Circuit Board	
Configuration Features		
Number of Positions	4	
PCB Mount Orientation	Vertical	
Number of Rows	2	
Electrical Characteristics		
Insulation Resistance	1000 MΩ	
Operating Voltage	100 VAC	
Body Features		
Daisy Chain	Without	
Primary Product Color	Red	

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Connector Profile	Standard	
ontact Features		
PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]	
Contact Type	Socket	
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 Shape & Form	Dual Beam	
Contact Underplating Material	Nickel	
PCB Contact Termination Area Plating Material	Tin	
Contact Base Material	Phosphor Bronze	
Contact Current Rating (Max)	1 A	
ermination Features		
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]	
Rectangular Termination Post & Tail Width	.5 mm[.02 in]	
Termination Post & Tail Length	3.1 mm[.122 in]	
Termination Method to Printed Circuit Board	Through Hole - Solder	

Mechanical Attachment

Mating Alignment	With	
Contact Retention Type Within Housing	Press-Fit	
PCB Mount Alignment	Without	
PCB Mount Retention	With	
PCB Mount Retention Type	Kinked Solder Tails	
Mating Alignment Type	Polarization	
Mating Retention	With	
Mating Retention Type	Contact Friction	
Connector Mounting Type	Board Mount	
Housing Features		
Mating Entry Location	Тор	
Housing Material	PBT GF	
Centerline (Pitch)	1.27 mm[.05 in]	
Dimensions		

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Connector Length	9.7 mm[.38 in]	
Connector Height	4 mm[.16 in]	
PCB Thickness (Recommended)	1.6 mm[.062 in]	
Row-to-Row Spacing	2 mm[.059 in]	
Usage Conditions		
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]	
Operation/Application		
Solder Process Feature	Board Standoff	
Circuit Application	Signal	
Industry Standards		
UL Rating	Recognized	
Agency/Standard	UL	
Approved Standards	UL E28476	
UL Flammability Rating	UL 94V-0	
Packaging Features		
Packaging Quantity	2500	
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: JUNE 2023 (235) 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

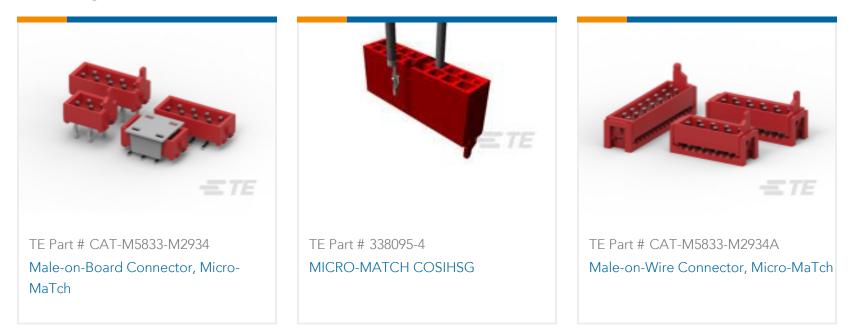
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

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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-onreach

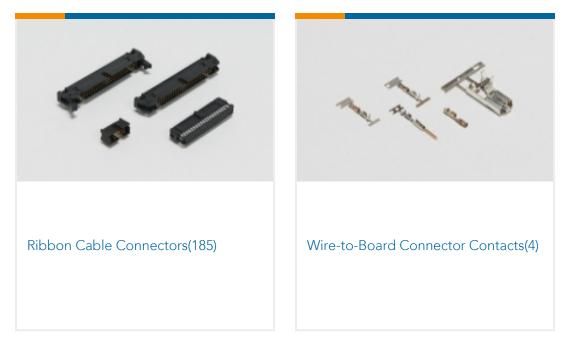
Compatible Parts



Also in the Series Micro-MaTch Industrial



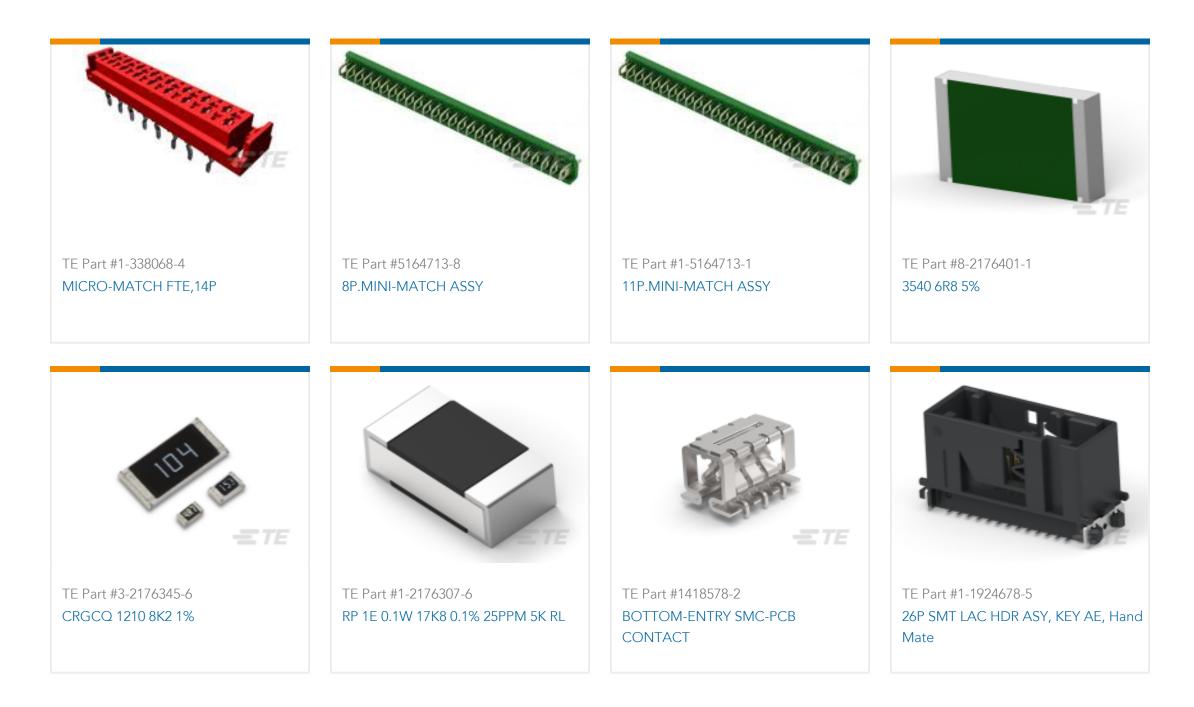
Board-In Connectors(20)	Insertion & Extraction Tools(1)	PCB Headers & Receptacles(1)	Pluggable I/O Cable Assemblies(52)



Customers Also Bought

Ribbon Cable Connectors, Board-to-Board, 4 Position, 1.27 mm [.05 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Micro-MaTch Industrial





Documents

Product Drawings MICRO-MATCH FTE, 4P

English

CAD Files 3D PDF

3D

Customer View Model ENG_CVM_CVM_338068-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_338068-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_338068-4_F.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

Product Specification

English

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Product Environmental Compliance Product Compliance

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Product Compliance

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