7-338069-8 - ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 7-338069-8 Board-to-Board, 8 Position, 1.27 mm [.05 in] Centerline, Vertical, Surface Mount, 2 Row, Receptacle, Micro-MaTch Industrial, Ribbon Cable Connectors

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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: **8**

Centerline (Pitch): 1.27 mm [.05 in]

PCB Mount Retention: Without

PCB Mount Orientation: Vertical

All Female-on-Board Connector, Top Entry (67)

Features

Product Type Features

Connector Product Type

Connector Assembly

Ribbon Cable Connector Type	Female-on-Board	
Ribbon Cable Connector Header Type	Shrouded	
Connector System	Board-to-Board	
Connector & Housing Type	Receptacle	
Connector & Contact Terminates To	Printed Circuit Board	
Configuration Features		
Number of Positions	8	
PCB Mount Orientation	Vertical	
Number of Rows	2	
Electrical Characteristics		
Operating Voltage	100 VDC	
Insulation Resistance	1000 MΩ	
Body Features		
Daisy Chain	Without	
Primary Product Color	Red	

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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]	
Contact Shape & Form	Dual Beam	
PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]	
Contact Mating Area Plating Material	Tin (Sn)	
Contact Base Material	Phosphor Bronze	
PCB Contact Termination Area Plating Material	Tin	
Contact Type	Socket	
Contact Current Rating (Max)	1.5 A	
Termination Features		
Rectangular Termination Post & Tail Width	.75 mm[.029 in]	
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]	
Termination Post & Tail Length	5.3 mm[.208 in]	
Termination Method to PCB	Surface Mount	

Mechanical Attachment

Contact Retention Type Within Housing	Press-Fit
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
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	PA 4.6
Centerline (Pitch)	1.27 mm[.05 in]
Dimensions	
PCB Thickness (Recommended)	1.6 mm[.062 in]

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Connector Height	6.9 mm[.27 in]	
Connector Length	14.7 mm[.578 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	
Assembly Process Feature	Vacuum Tape	
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 Quantity	900	
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 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	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

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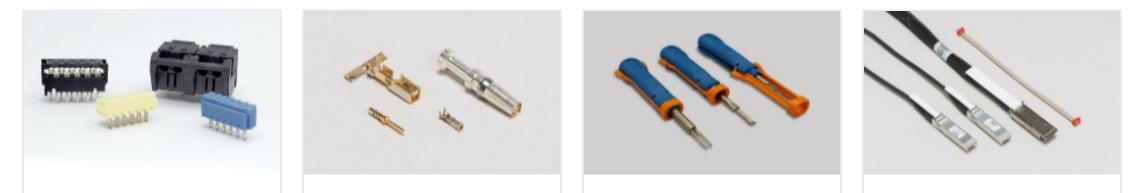


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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

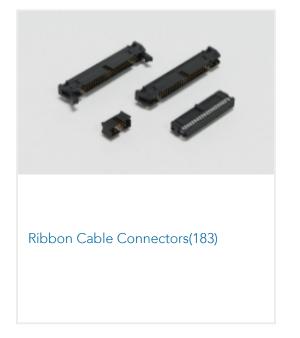
Compatible Parts



Also in the Series Micro-MaTch Industrial



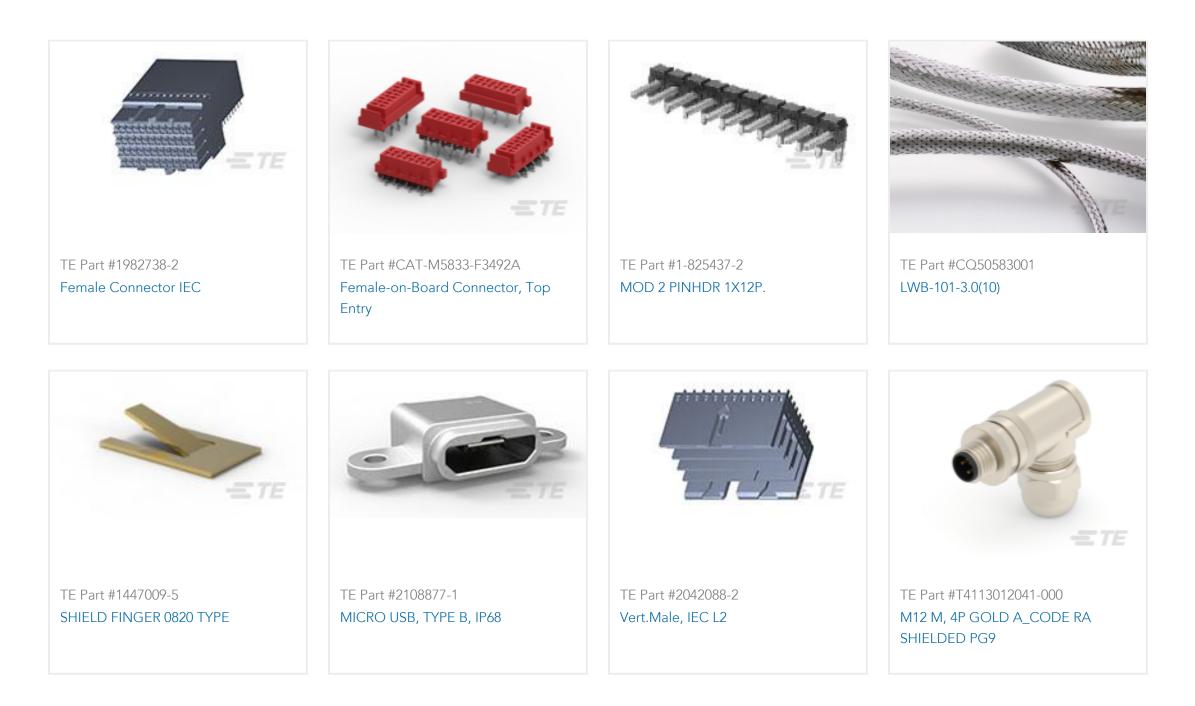
Board-In Connectors(20)	Connector Contacts(4)	Insertion & Extraction Tools(1)	Pluggable I/O Cable Assemblies(52)



Customers Also Bought

Board-to-Board, 8 Position, 1.27 mm [.05 in] Centerline, Vertical, Surface Mount, 2 Row, Receptacle, Micro-MaTch Industrial, Ribbon Cable Connectors





Documents

Product Drawings MICRO-MATCH SMD FTE

English

CAD Files 3D PDF

3D

Customer View Model ENG_CVM_CVM_7-338069-8_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-338069-8_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-338069-8_K.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

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