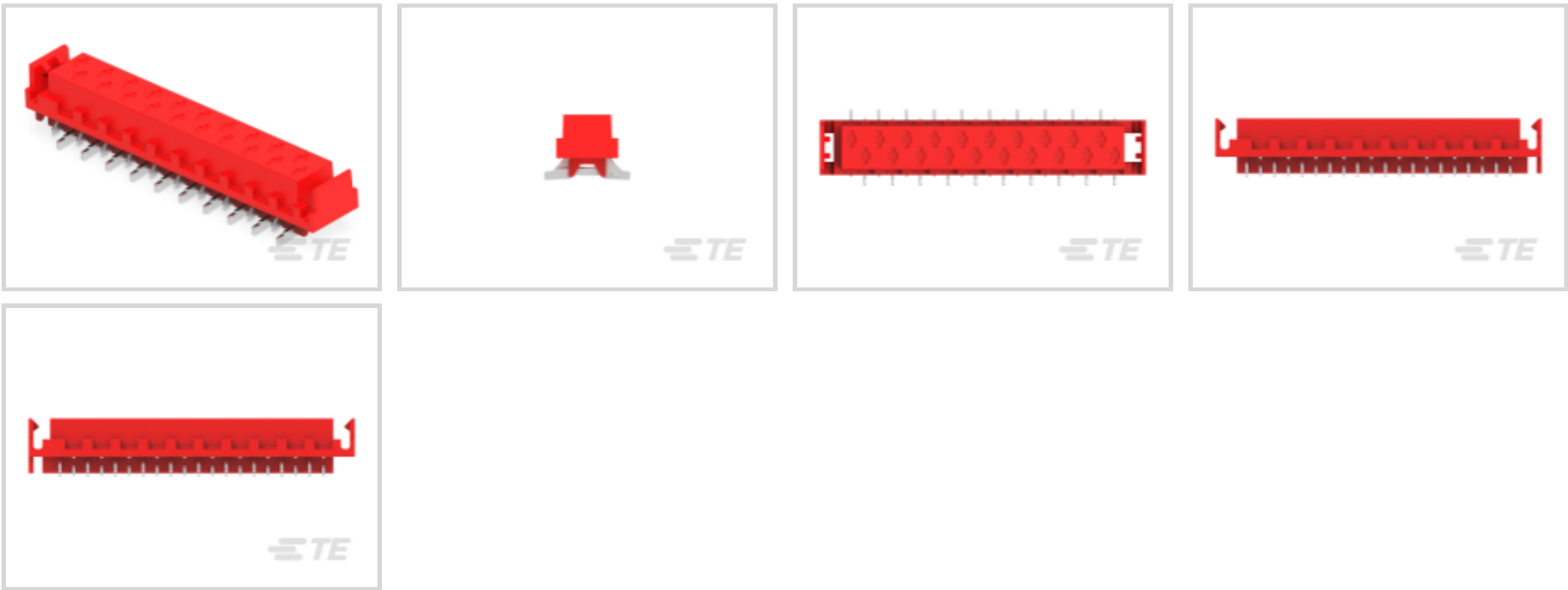




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors >  
Female-on-Board Connector, Top Entry



Connector System: **Board-to-Board**  
Number of Positions: **20**  
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	20
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Operating Voltage	100 VDC
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Insulation Resistance	1000 MΩ
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Body Features

Daisy Chain	Without
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]
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	Top
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Housing Material	PA 4.6
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	6.9 mm[.27 in]
Connector Length	30 mm[1.181 in]
Row-to-Row Spacing	2 mm[.059 in]

Usage Conditions

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

Solder Process Feature	Board Standoff
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 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

TE Part # CAT-M5833-M2934A  
Male-on-Wire Connector, Micro-MaTch

TE Part # 2-338095-0  
MICRO-MATCH COSI HSG

Also in the Series | Micro-MaTch Industrial

Board-In Connectors(20)

Connector Contacts(4)

Insertion & Extraction Tools(1)

Pluggable I/O Cable Assemblies(52)

Ribbon Cable Connectors(183)

Customers Also Bought



TE Part #2311714-1  
6POS,TAB0.5X0.4,HDR ASSY,90DEG, COD A

ANVIL  
REPRESENTATION ONLY

TE Part #1803180-2  
ANVIL, COMBINATION

CRIMPER  
REPRESENTATION ONLY

TE Part #9-1633730-2  
WIRE CRIMPER

TE Part #1670208-2  
MQS1,5 AgSn rec circuit board CB unseal.

CRIMPER  
REPRESENTATION ONLY

TE Part #4-1633730-4  
CRIMPER, WIRE F .055F

TE Part #338069-6  
MICRO-MATCH SMD FTE

TE Part #826951-4  
4P MOD2 STIFT LEI

ANVIL  
REPRESENTATION ONLY

TE Part #1-1803512-0  
ANVIL, COMBINATION

TE Part #9-1438789-3  
38Way Hybrid.040/2.8 Header Assy, C-Key

TE Part #2-456408-6  
CRIMPER, WIRE .110 "F"

Documents

Product Drawings  
MICRO-MATCH SMD FTE

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_2-338069-0\_K.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_2-338069-0\_K.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_2-338069-0\_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

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Product Specifications

Application Specification

English