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FEMALE-ON-BOARD CONNECTOR TOP ENTRY



Connector System: **Board-to-Board**

Number of Positions: **18**

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 Type	Connector Assembly
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	18
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	100 VAC

Body Features

Daisy Chain	Without
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Connector Profile	Standard
Contact 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)	1.5 A
Termination Features	
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Rectangular Termination Post & Tail Width	.75 mm[.029 in]
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Mating Alignment	With
Contact Retention Type Within Housing	Press-Fit
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
Housing Material	PA 4.6
Housing Color	Red
Centerline (Pitch)	1.27 mm[.05 in]
Dimensions	
Connector Length	24.9 mm[.98 in]



Connector Height	5.3 mm[.21 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

UL Rating	Recognized
Agency/Standard	UL
UL File Number	E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	900
Packaging Method	Reel

Other

Comment	For Use With Male-In-Wire/Male-On-Board
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

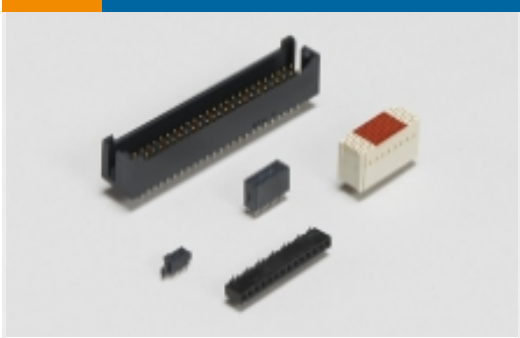


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may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

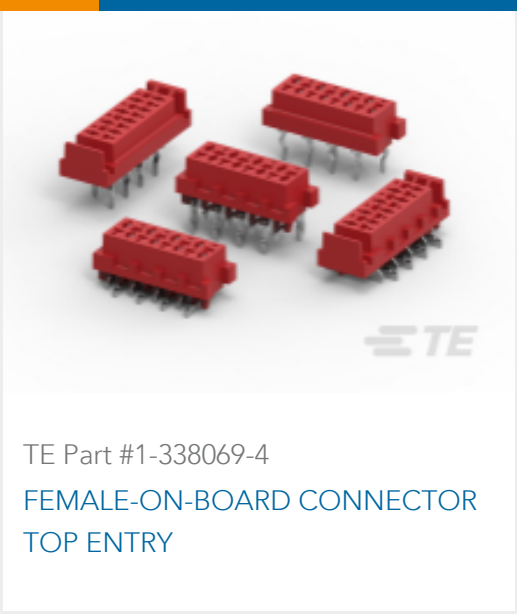
 TE Part # CAT-M5833-M2934A MALE-ON-WIRE CONNECTOR	 TE Part # CAT-M5833-M2934 MALE-ON-BOARD CONNECTOR	 TE Part # CAT-M5833-C8684 CRIMP-ON-SNAP-IN HOUSING	 TE Part # 2205067-1 CA MICRO-MATCH MOW-MOW 18POS
 TE Part # 2205075-2 CA MICRO-MATCH MOW-PB 18POS	 TE Part # 2205075-1 CA MICRO-MATCH MOW-PB 18POS	 TE Part # 2205067-2 CA MICRO-MATCH MOW-MOW 18POS	 TE Part # 2205067-3 CA MICRO-MATCH MOW-MOW 18POS

Also in the Series | Micro-MaTch Industrial

 Board-to-Board Headers & Receptacles(1)	 Insertion & Extraction Tools(1)	 Pluggable I/O Cable Assemblies(52)	 Ribbon Cable Connectors(204)
 Wire-to-Board Connector Contacts(4)			



Customers Also Bought



TE Part #1-338069-4
FEMALE-ON-BOARD CONNECTOR
TOP ENTRY



TE Part #1318382-8
SIGNAL HEADER



TE Part #184394-1
2X2 PLG ASY W/RET W/O CPA C3-A



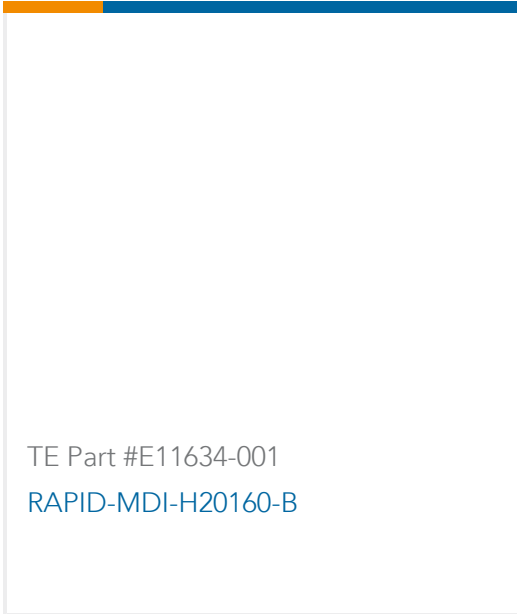
TE Part #1473369-3
SQUIB 11DIA SCR ASSY 8.8MM TYP



TE Part #1473369-7
SQUIB 11DIA SCR ASSY CODE-A GR



TE Part #184328-1
2X2 CAP ASY KEY E C4



TE Part #E11634-001
RAPID-MDI-H20160-B

Documents

Product Drawings
MICRO-MATCH SMD FTE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-188275-8_V.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-188275-8_V.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-188275-8_V.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
Ribbon Cable Interconnect Solutions
English
Centerline Micro-Match Connector Series
English



Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-188275-8_01112017340_dmtec

English

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English