

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 2-338095-0 Ribbon Cable Connectors, Wire-to-Board, 20 Position, .05 in [1.27 mm] Centerline, Crimp & Snap, 2 Row, Plug, Standard Profile, Micro-MaTch Industrial

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CRIMP-ON-SNAP-IN HOUSING



Connector System: Wire-to-Board Number of Positions: 20 Centerline (Pitch): 1.27 mm [.05 in] Termination Method to Wire & Cable: Crimp & Snap Row-to-Row Spacing: 2 mm [.059 in]

All CRIMP-ON-SNAP-IN HOUSING (9)

Features

Product Type Features

Connector Type

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Housing

Ribbon Cable Connector Header Type	Shrouded
Connector Product Type	Housing
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	20
Number of Rows	2
Electrical Characteristics	
Insulation Resistance	1000 MΩ
Operating Voltage	100 VAC
Body Features	
Daisy Chain	Without
Connector Profile	Standard
Contact Features	

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Contact Type	Socket
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
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	
Termination Method to Wire & Cable	Crimp & Snap
Mechanical Attachment	
Mating Alignment	With
Contact Retention Type Within Housing	Snap-In
PCB Mount Alignment	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Contact Friction

Housing Features

Housing Material	PBT GF	
Housing Color	Red	
Centerline (Pitch)	1.27 mm[.05 in]	
Dimensions		
Connector Length	28.7 mm[1.129 in]	
Connector Height	12.4 mm[.49 in]	
PCB Thickness (Recommended)	1.6 mm[.06 in]	
Row-to-Row Spacing	2 mm[.059 in]	
Usage Conditions		
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]	
Operation/Application		
Circuit Application	Signal	
Industry Standards		
UL Rating	Recognized	
UL File Number	E28476	

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Agency/Standard	UL
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	200
Packaging Method	Box & Carton
For compliance documentation, visit the product page on TE.com>	Compliant
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

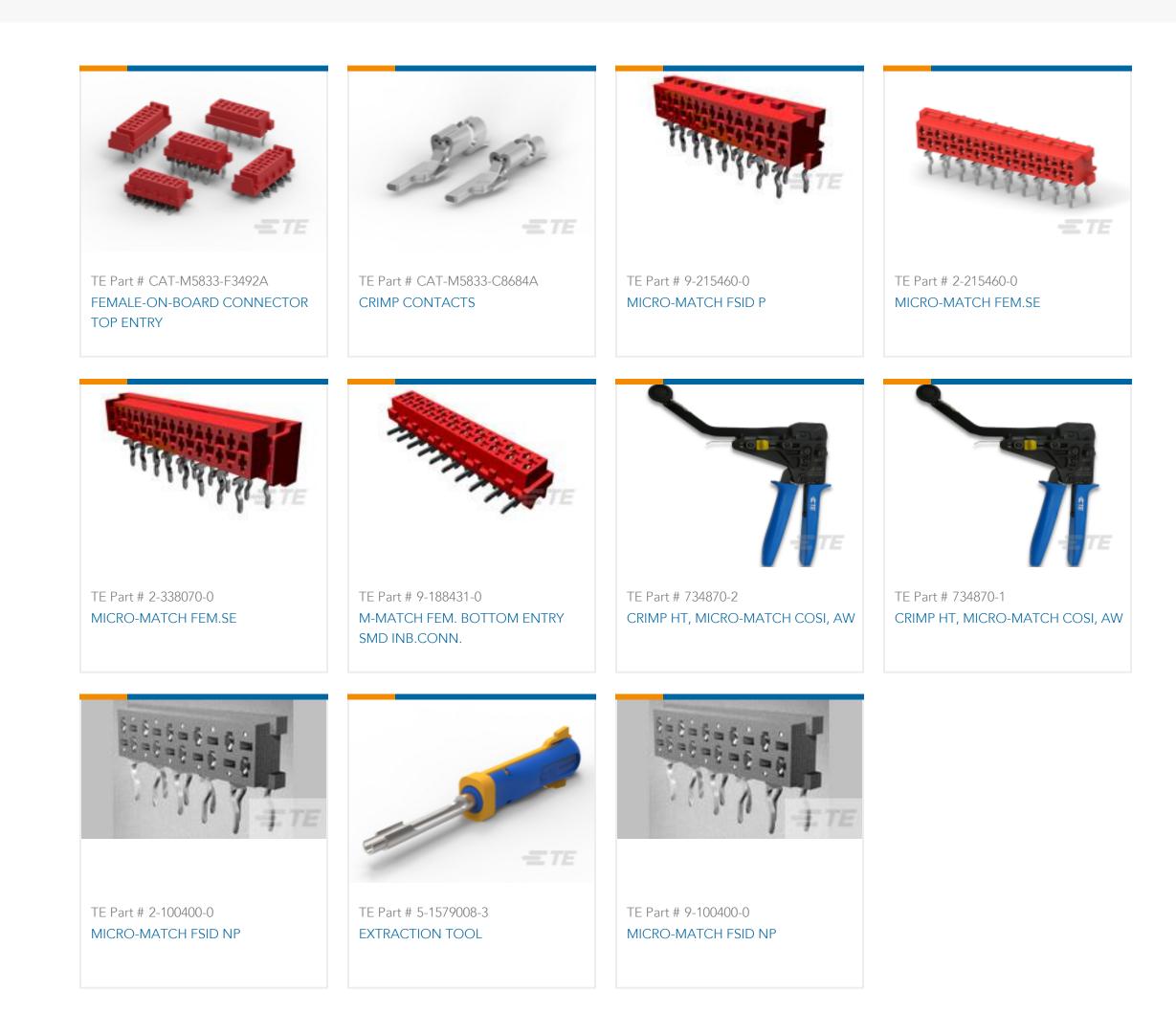
Product Compliance Disclaimer

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-onreach

Compatible Parts

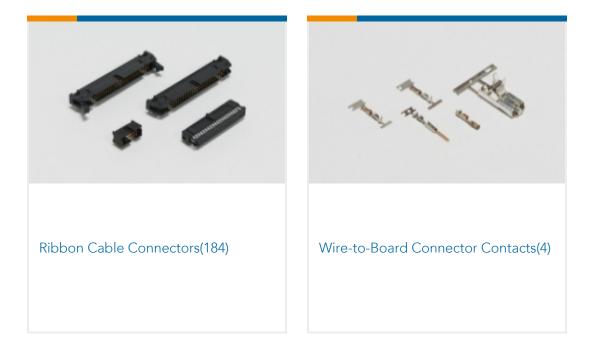
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Also in the Series | Micro-MaTch Industrial

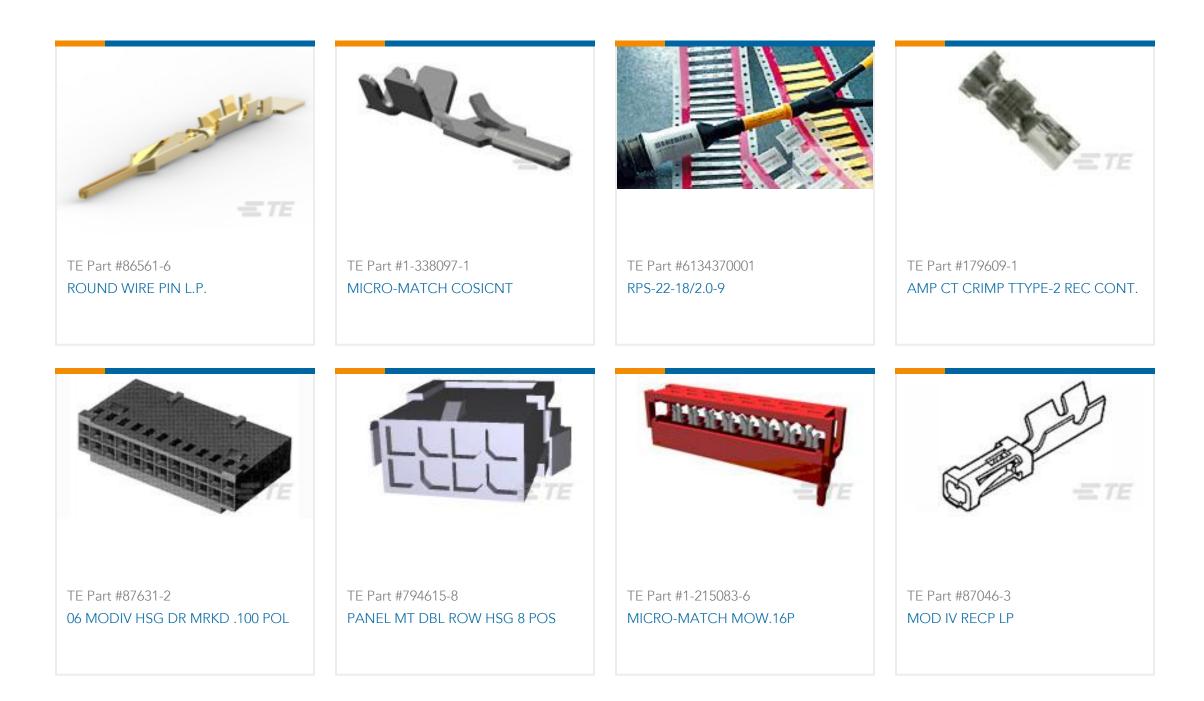
Board-In Connectors(20)	Insertion & Extraction Tools(1)	PCB Headers & Receptacles(1)	Pluggable I/O Cable Assemblies(52)



Customers Also Bought

Ribbon Cable Connectors, Wire-to-Board, 20 Position, .05 in [1.27 mm] Centerline, Crimp & Snap, 2 Row, Plug, Standard Profile, Micro-MaTch Industrial





Documents

Product Drawings MICRO-MATCH COSI HSG

English

CAD Files 3D PDF

3D

Customer View Model ENG_CVM_CVM_2-338095-0_D_c-2-338095-0-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-338095-0_D_c-2-338095-0-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-338095-0_D_c-2-338095-0-d.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

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micro-match crimp on snap in male on wire connector

English

Application Specification

English