7-215460-8 ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 7-215460-8

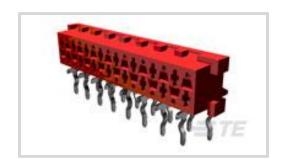
Ribbon Cable Connectors, Cable-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Right Angle, Through Hole - Solder, 2 Row, Micro-

MaTch Industrial

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



Connector System: Cable-to-Board

Number of Positions: 8

Centerline (Pitch): 2.54 mm [.1 in]
PCB Mount Retention: With

PCB Mount Retention Type: Kinked Legs

Features

Product Type Features

Ribbon Cable Connector Type	Female-on-Board
Connector Product Type	Connector Assembly
Connector System	Cable-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	8
PCB Mount Orientation	Right Angle
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 ΜΩ
Operating Voltage	100 VAC

Body Features

Primary Product Color	Red
Connector Profile	Standard

Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
Contact Layout	Staggered



Contact Mating Area Pating Material Thickness 3 – 5 µm(118.11 – 196.85 µin) Contact Mating Area Pating Material PCR Contact Termination Area Plating Material Finish Contact Mating Area Pating Material Finish Contact Underplating Material PCR Contact Termination Area Plating Material PCR Contact Termination Area Plating Material PCR Contact Termination Area Plating Material PCR Contact Current Rating (Max) 1.5 A Termination Features Termination Method to Printed Circuit Roard Methanical Attachment Mating Alignment Mating Alignment PCR Mount Alignment PCR Mount Retention Type Mating Alignment Type Polatization Mating Alignment Type Mating Alignment Type Polatization Mating Features Mating Features Mating Frety Location Housing Features Mating Frety Location Side Housing Material Centerline (Pstch) Dimensions Roxeto-Row Spacing 1.5 mm(.059 in) Usage Conditions Operating Temperature Range Alignment Vil Rating Recognized UII Rating Recognized UII Rating Recognized UII Usagency/Standards UII	Contact Type	Receptacle
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Mating Retention Without Connector Mounting Type Board Mount Housing Features Mating Entry Location Side Housing Material Glass Filled PBT Centerline (Pitch) 2.54 mm[.1 in] Dimensions Row-to-Row Spacing 1.5 mm[.059 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Industry Standards UL Rating Recognized	PCB Mount Retention Type	Kinked Legs
Connector Mounting Type Housing Features Mating Entry Location Flousing Material Centerline (Pitch) Dimensions Row-to-Row Spacing Usage Conditions Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Rating Side Side Glass Filled PBT 2.54 mm[.1 in] Signal 4.5 mm[.059 in] Signal Recognized	Mating Alignment Type	Polarization
Housing Features Mating Entry Location Side Housing Material Glass Filled PBT Centerline (Pitch) 2.54 mm[.1 in] Dimensions Row-to-Row Spacing 1.5 mm[.059 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Mating Retention	Without
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Housing Material Centerline (Pitch) 2.54 mm[.1 in] Dimensions Row-to-Row Spacing 1.5 mm[.059 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Housing Features	
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Dimensions Row-to-Row Spacing 1.5 mm[.059 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Housing Material	Glass Filled PBT
Row-to-Row Spacing 1.5 mm[.059 in] Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Centerline (Pitch)	2.54 mm[.1 in]
Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Dimensions	
Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Row-to-Row Spacing	1.5 mm[.059 in]
Operation/Application Circuit Application Signal Industry Standards UL Rating Recognized	Usage Conditions	
Circuit Application Industry Standards UL Rating Recognized	Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Industry Standards UL Rating Recognized	Operation/Application	
UL Rating Recognized	Circuit Application	Signal
	Industry Standards	
Agency/Standard UL	UL Rating	Recognized
	Agency/Standard	UL



Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	250
Packaging Method	Box

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 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

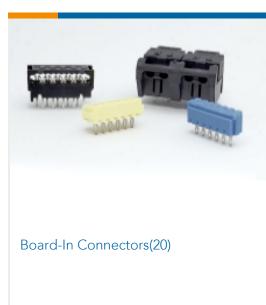








Also in the Series | Micro-MaTch Industrial









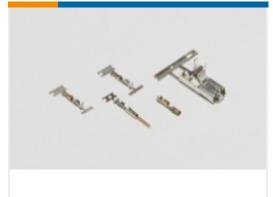
Insertion & Extraction Tools(1)

PCB Headers & Receptacles(1)

Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(185)



Wire-to-Board Connector Contacts(4)

Customers Also Bought













SRCA 1,27 8 M 1 SMD 137 E1 094 *

GURT *







Documents

Product Drawings

MICRO-MATCH FSID P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-215460-8_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-215460-8_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-215460-8_J.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

Product Specification

English

Product Environmental Compliance

MD_7-215460-8_0625201552_dmtec

English

MD_7-215460-8_0625201552_dmtec

English

Agency Approvals

UL Report

English