8-215460-0 ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 8-215460-0

Ribbon Cable Connectors, Cable-to-Board, 10 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: 10

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	10
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 Plating Material Thickness 3 – 5 um/118.11 – 196.85 µin! Contact Mating Area Plating Material PCB Contact Lomination Area Plating Material Finish Contact Mating Area Plating Material Finish Matte Contact Underplating Material Finish Contact Underplating Material PCB Contact Termination Area Plating Material PCB Contact Termination Area Plating Material Contact Base Material Contact Base Material Contact Base Material Contact Current Rating (Max) 15 A Termination Features Termination Method to Printed Circuit Board Methanical Attachment Methanical Attachment With PCB Mount Alignment Without PCB Mount Resention PCB Mount Resention PCB Mount Resention type Mating Alignment Type Polarization Without Connector Mounting Type Mating Alignment Type Board Mount Connector Mounting Type Mating Material Contention (Pitch) 2.84 mm,1 inj Dimensions Row-to-Row-Soucing 1.5 mm,059 inj Usage Conditions Operating Temperature Range 40 – 105 °C(-40 – 221 °F) Operating Application Circuit Application Circuit Application Circuit Application Circuit Application Circuit Reprinced UL Rating Agency/Standard UL		
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Termination Method to Printed Circuit Board Mechanical Attachment Mating Alignment With PCB Mount Alignment Without PCB Mount Retention With PCB Mount Retention Type Kinked Legs Mating Alignment Type Polarization Mating Alignment Type Board Mount 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 Signal Industry Standards UL Rating Recognized	Contact Current Rating (Max)	1.5 A
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PCB Mount Alignment PCB Mount Retention With PCB Mount Retention Type Kinked Legs Mating Alignment Type Polarization Mating Retention Without Connector Mounting Type Board Mount Housing Features Mating Entry Location Housing Material Glass Filled PBT Centerline (Pitch) 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	Mechanical Attachment	
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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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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 Industry Standards UL Rating Recognized	Row-to-Row Spacing	1.5 mm[.059 in]
Operation/Application Signal Circuit Application Signal Industry Standards 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









Connectors(20) 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



















Documents

Product Drawings

MICRO-MATCH FSID P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-215460-0_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-215460-0_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-215460-0_J.3d_stp.zip

English

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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

Product Compliance Document

English

Product Compliance Document

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Agency Approvals

UL Report

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