

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 338728-6

Ribbon Cable Connectors, Board-to-Board, 6 Position, 1.27 mm [.05 in] Centerline, Vertical, Surface Mount, 2 Row, Plug, Micro-MaTch

Industrial

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors > Male-on-Board Connector, Micro-MaTch



Connector System: Board-to-Board

Number of Positions: 6

Centerline (Pitch): 1.27 mm [.05 in]
PCB Mount Retention: Without
PCB Mount Orientation: Vertical

All Male-on-Board Connector, Micro-MaTch (36)

Features

Product Type Features

Ribbon Cable Connector Header Type	Shrouded
Connector Product Type	Connector Assembly
Connector System	Board-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	6
PCB Mount Orientation	Vertical
Number of Rows	2
Electrical Characteristics	
Insulation Resistance	1000 ΜΩ
Operating Voltage	100 VAC
Body Features	
Daisy Chain	Without

Red

Standard

Primary Product Color

Connector Profile



Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5 μm[118.11 – 196.85 μin]
Mating Tab Width	.7 mm[.028 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Type	Pin
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 Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Square Termination Post & Tail Dimension	.4 mm[.016 in]
Rectangular Termination Post & Tail Width	.5 mm[.02 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	Тор
Housing Material	PA 4.6
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Cor	nector Length	10.8 mm[.425 in]	



Connector Height	4.6 mm[.18 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]
Row-to-Row Spacing	2 mm[.059 in]
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Solder Process Feature	Board Standoff
Circuit Application	Signal
Industry Standards	
UL Rating	Recognized
Agency/Standard	UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	2500

Product Compliance

Packaging Method

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	Reflow solder capable to 260°C

Reel

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 # 7-215460-6

MICRO-MATCH FSID P











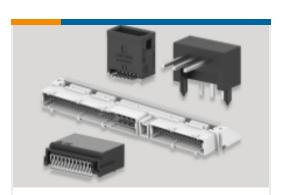


TE Part # 7-100400-6 MICRO-MATCH FSID NP

Also in the Series | Micro-MaTch Industrial









Insertion & Extraction Tools(1)

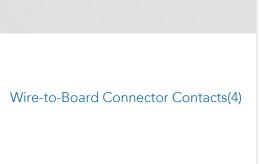
PCB Headers & Receptacles(1)

Pluggable I/O Cable Assemblies(52)





Ribbon Cable Connectors(185)



Customers Also Bought













Documents

Product Drawings

MICROM. MOB SMD CON

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_338728-6_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_338728-6_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_338728-6_G.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

Product Specifications

Application Specification

English

Ribbon Cable Connectors, Board-to-Board, 6 Position, 1.27 mm [.05 in] Centerline, Vertical, Surface Mount, 2 Row, Plug, Micro-MaTch Industrial

