

8-100400-6 ✓ ACTIVE

[Micro-MaTch](#) | [Micro-MaTch Industrial](#)

TE Internal #: 8-100400-6

Ribbon Cable Connectors, Cable-to-Board, 16 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: **16**

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	16
PCB Mount Orientation	Right Angle
Number of Rows	2

Electrical Characteristics

Insulation Resistance	1000 M Ω
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 Type	Receptacle
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 Mating 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 Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Legs
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]
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Usage Conditions

Operating Temperature Range	-40 - 105 $^{\circ}\text{C}$ [-40 - 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Rating	Recognized
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

2500

Packaging Method

Reel

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 2024 (240)
 Candidate List Declared Against: JAN 2024 (240)
 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



Board-In Connectors(21)



Connector Contacts(4)



Insertion & Extraction Tools(1)



Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(186)

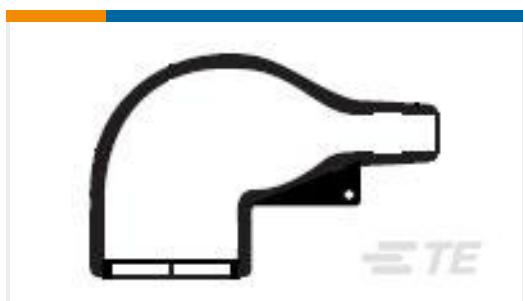
Customers Also Bought



TE Part # 5406562-1
MJ ASSY,2PORT,8POS,SHLD



TE Part # 7-1879352-9
RR02 5% 560R AMMO



TE Part # CJ1922-000
222K121-12/225-0



TE Part # 1977831-5
DIP SWITCH GDH10SATR04



TE Part # ZPF0000000000000739
047-0893-20



TE Part # 2-1614350-7
RN 0603 137R 0.1% 10PPM CUT LENGTH



TE Part # 6-1614350-5
RN 0603 17R4 0.1% 10PPM CUT LENGTH



TE Part # 620143N002
D-101-31CS379

Documents

Product Drawings

MICRO-MATCH FSID NP

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_8-100400-6_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-100400-6_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_8-100400-6_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

[Centerline Micro-Match Connector Series](#)

English

Product Specifications

[Product Specification](#)

English