

1-338068-4

✓ ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 1-338068-4

Board-to-Board, 14 Position, 1.27 mm [.05 in] Centerline, Vertical,
Through Hole - Solder, 2 Row, Micro-MaTch Industrial, Ribbon
Cable Connectors

[View on TE.com >](#)



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

Female-on-Board Connector, Top Entry



Connector System: **Board-to-Board**

Number of Positions: **14**

Centerline (Pitch): **1.27 mm [.05 in]**

PCB Mount Retention: **With**

PCB Mount Retention Type: **Kinked Solder Tails**

[All Female-on-Board Connector, Top Entry \(67\)](#)

Features

Electrical Characteristics

Operating Voltage	100 VDC
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Insulation Resistance	1000 MΩ
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Industry Standards

Compatible With Agency/Standards Products	UL
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UL Rating	Recognized
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UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	UL E28476
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Packaging Features

Packaging Quantity	2500
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Packaging Method	Reel
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Operation/Application

Solder Process Feature

Board Standoff

Circuit Application

Signal

Contact Features

Contact Underplating Material

Nickel

PCB Contact Termination Area Plating Material Finish

Matte

Contact Mating Area Plating Material Thickness

3 – 5 μm [118.11 – 196.85 μin]

Contact Shape & Form

Dual Beam

Contact Mating Area Plating Material

Tin

Contact Base Material

Phosphor Bronze

PCB Contact Termination Area Plating Material

Tin

Contact Type

Socket

Contact Current Rating (Max)

1 A

Body Features

Daisy Chain

Without

Primary Product Color

Red

Connector Profile

Standard

Dimensions

PCB Thickness (Recommended)

1.6 mm[.062 in]

Connector Height

4 mm[.16 in]

Connector Length

22.4 mm[.881 in]

Row-to-Row Spacing

2 mm[.059 in]

Termination Features

Rectangular Termination Post & Tail Width

.5 mm[.02 in]

Rectangular Termination Post & Tail Thickness

.25 mm[.01 in]

Termination Post & Tail Length

3.1 mm[.122 in]

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

Contact Retention Type Within Housing

Press-Fit

Mating Alignment

With

PCB Mount Alignment

Without

PCB Mount Retention

With

PCB Mount Retention Type

Kinked Solder Tails

Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Contact Friction
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Top
Housing Material	PBT GF
Centerline (Pitch)	1.27 mm [.05 in]

Product Type Features

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

Configuration Features

Number of Positions	14
PCB Mount Orientation	Vertical
Number of Rows	2

Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241)

Candidate List Declared Against: JUNE

2024 (241)

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



TE Part # 1-338095-4
MICRO-MaTch COSI HSG



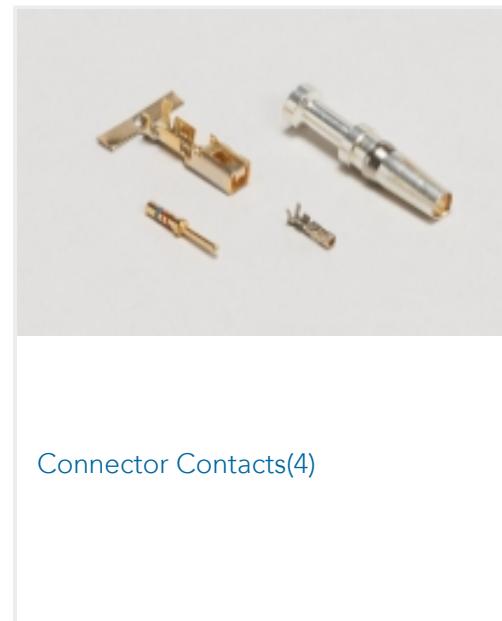
TE Part # CAT-M5833-M2934
Male-on-Board Connector, Micro-MaTch



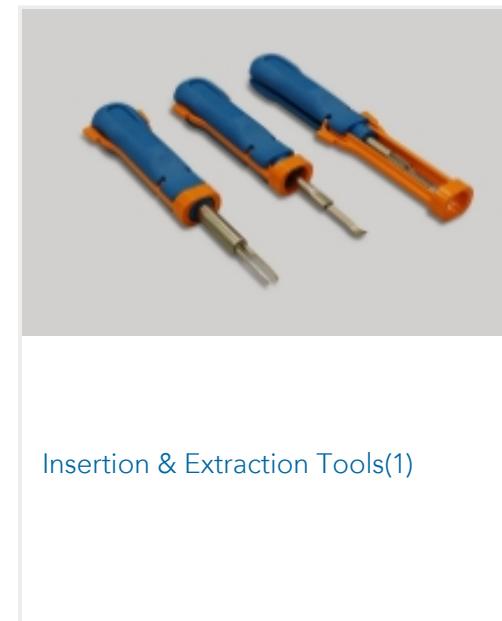
TE Part # CAT-M5833-M2934A
Male-on-Wire Connector, Micro-MaTch

Also in the Series | [Micro-MaTch Industrial](#)

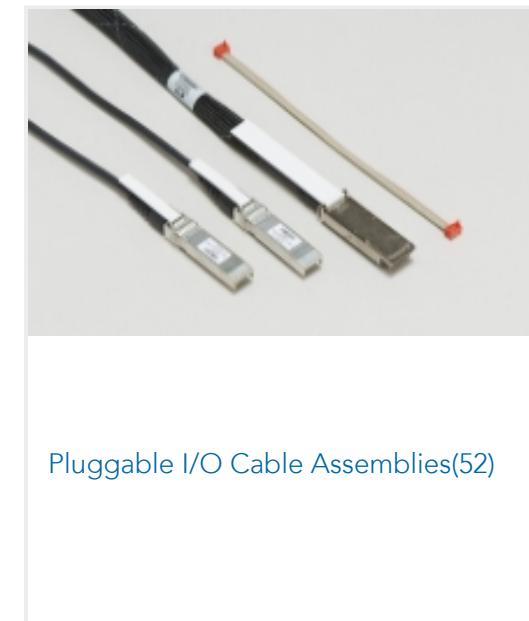
Board-In Connectors(20)



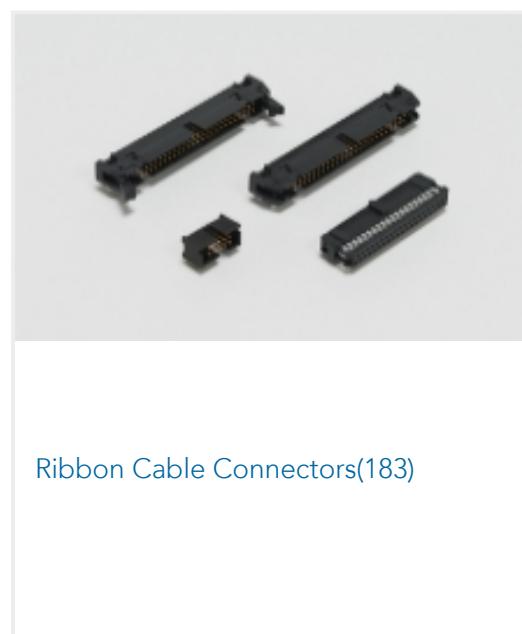
Connector Contacts(4)



Insertion & Extraction Tools(1)

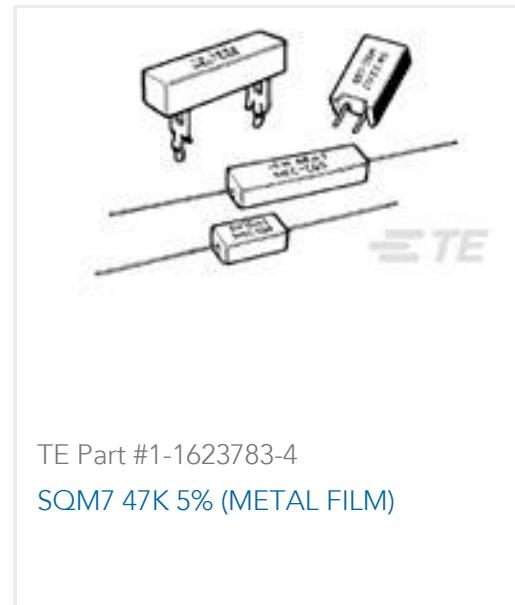
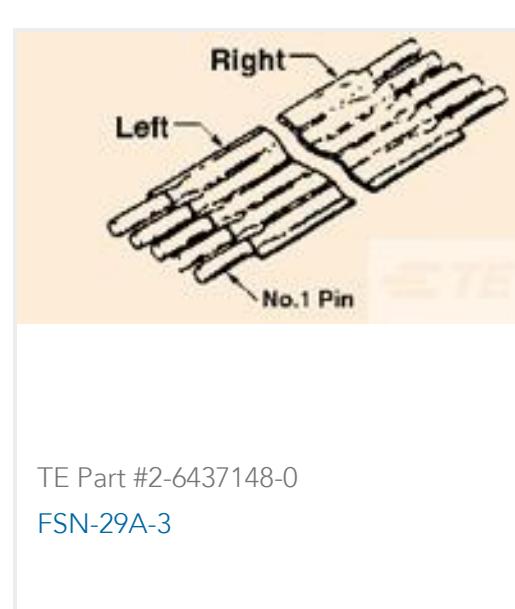


Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(183)

Customers Also Bought

TE Part #1-178294-5
DYNAMIC D3100 HDR ASY 4P H K/XTE Part #1-1623783-4
SQM7 47K 5% (METAL FILM)TE Part #7-2176070-5
3521 12K 1% 2WTE Part #3-2176230-4
3522 470R 5% 3WTE Part #9-1879022-1
SMF3 470R 1%TE Part #6116173-4
INV MJ,1X1,PNL GRD,SHLD,LED (Y/G)TE Part #7-2176422-9
TLRP 2512 3.0W R180 1% 50PPM 4K RLTE Part #1676372-2
RN 0805 53R6 0.1% 10PPM 1KRLTE Part #484967-E
M12 MALE, A CODE, 5P, 17MM SMTTE Part #2-6437148-0
FSN-29A-3

Documents

Product Drawings

MICRO-MATCH FTE,14P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-338068-4_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338068-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338068-4_F.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