# 8-215079-4 ✔ ACTIVE

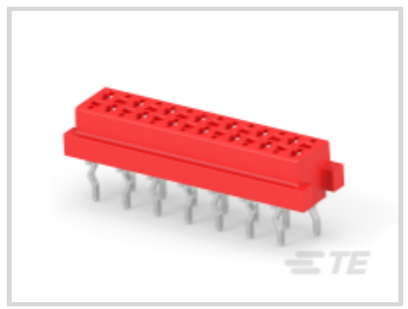
Micro-MaTch | Micro-MaTch Industrial

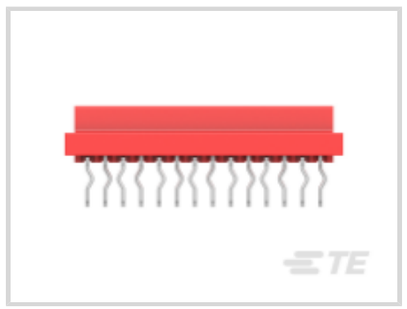
TE Internal #: 8-215079-4

Ribbon Cable Connectors, Wire-to-Board / Board-to-Board, 14 Position, 1.27 mm [.05 in] Centerline, Vertical, Micro-MaTch Industrial

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, Wire-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

### Product Type Features

| | |
|---|---|
| Ribbon Cable Connector Type | Female-on-Board |
| Ribbon Cable Connector Header Type | Shrouded |
| Connector Product Type | Connector Assembly |
| Connector System | Board-to-Board, Wire-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 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Resistance | 1000 MΩ |

| | |
|---|---|
| Operating Voltage | 100 VAC |

## Body Features

| | |
|---|---|
| Daisy Chain | Without |
| 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 Type | Socket |
| 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 Shape & Form | Dual Beam |
| Contact Underplating Material | Nickel |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 1 A |

## Termination Features

| | |
|---|---|
| Rectangular Termination Post & Tail Thickness | .25 mm[.01 in] |
| Rectangular Termination Post & Tail Width | .5 mm[.02 in] |
| Termination Post & Tail Length | 3.1 mm[.122 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Mating Alignment | With |
| Contact Retention Type Within Housing | Press-Fit |
| PCB Mount Alignment | Without |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Kinked Solder Tails |
| 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] |

## Dimensions

| | |
|---|---|
| Connector Length | 19.8 mm[.779 in] |
| Connector Height | 4 mm[.16 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 |
| Compatible With Agency/Standards Products | UL |
| Compatible With Approved Standards Products | UL E28476 |
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 250 |
| Packaging Method | Box & Carton |

# Product Compliance

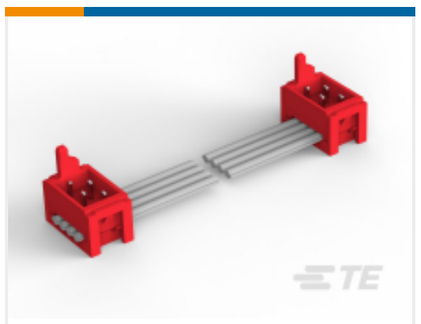
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JAN 2024 (240)<br>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

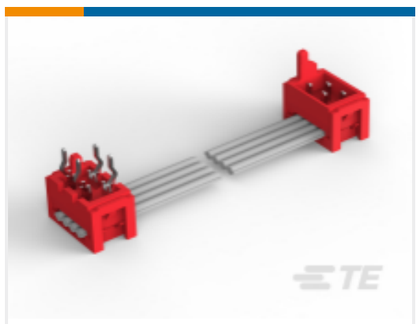
## Compatible Parts



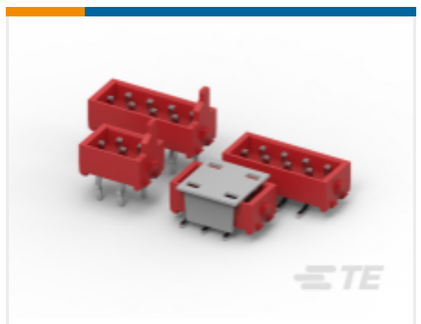
TE Part # CAT-M5833-C1121
MICRO-MATCH STD MOW TO MOW CABLE ASSY



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



TE Part # CAT-M5833-C1121A
MICRO-MATCH STD PB TO MOW CABLE ASSY



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



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

## Also in the Series | Micro-MaTch Industrial



Board-In Connectors(21)



Connector Contacts(4)



Insertion & Extraction Tools(1)

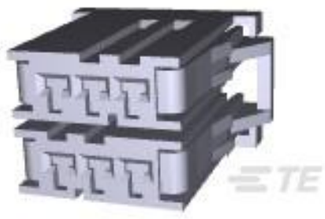


Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(186)

## Customers Also Bought



TE Part # 3-178127-6
DYNAMIC D3100 REC HSG 6P (DBL)



TE Part # MS580330BA01-00
MS5803-30BA01 DIGIT PRESSURE SENSOR



TE Part # 1625812-1
3631B 10UH 20% FIO



TE Part # 1676312-2
RN 0805 357R 0.1% 10PPM 1KRL



TE Part # 1676701-2
RN 0805 47R5 0.1% 10PPM 1K RL



TE Part # 374352-E
M12 MALE, A CODE, 5P, 17MM THR

## Documents

### Product Drawings

MICRO-MATCH FOB.14P

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-215079-4_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-215079-4_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-215079-4_T.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Datasheets & Catalog Pages

### Micro-MaTch Catalog

English

### Ribbon Cable Interconnect Solutions

English

### Centerline Micro-Match Connector Series

English

## Product Specifications

### Product Specification

English

## Agency Approvals

### UL Report

English