# 8-215079-4 V ACTIVE

### Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 8-215079-4

Ribbon Cable Connectors, Board-to-Board, 14 Position, 1.27 mm [.

05 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Micro-

MaTch Industrial

View on TE.com >

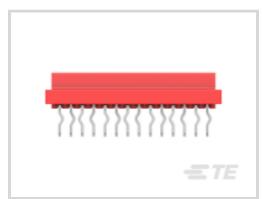


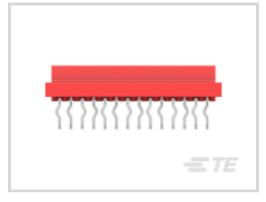
Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors > Female-on-Board Connector, Top Entry











Connector System: Board-to-Board

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
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 ΜΩ
modiation registance	1000 14135



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	Тор



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
Agency/Standard	UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	250

# **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: JAN 2023 (233) 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

Box & Carton



#### 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**











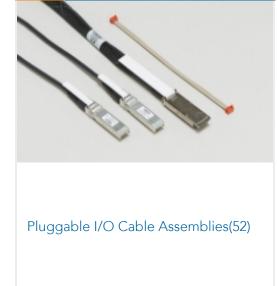
## Also in the Series | Micro-MaTch Industrial





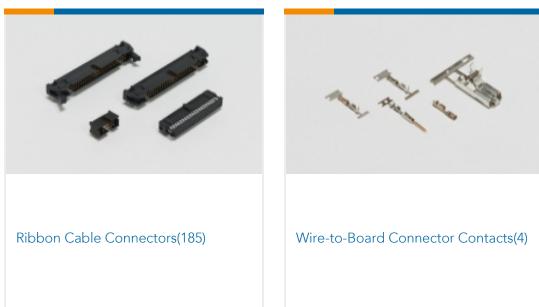
Insertion & Extraction Tools(1)

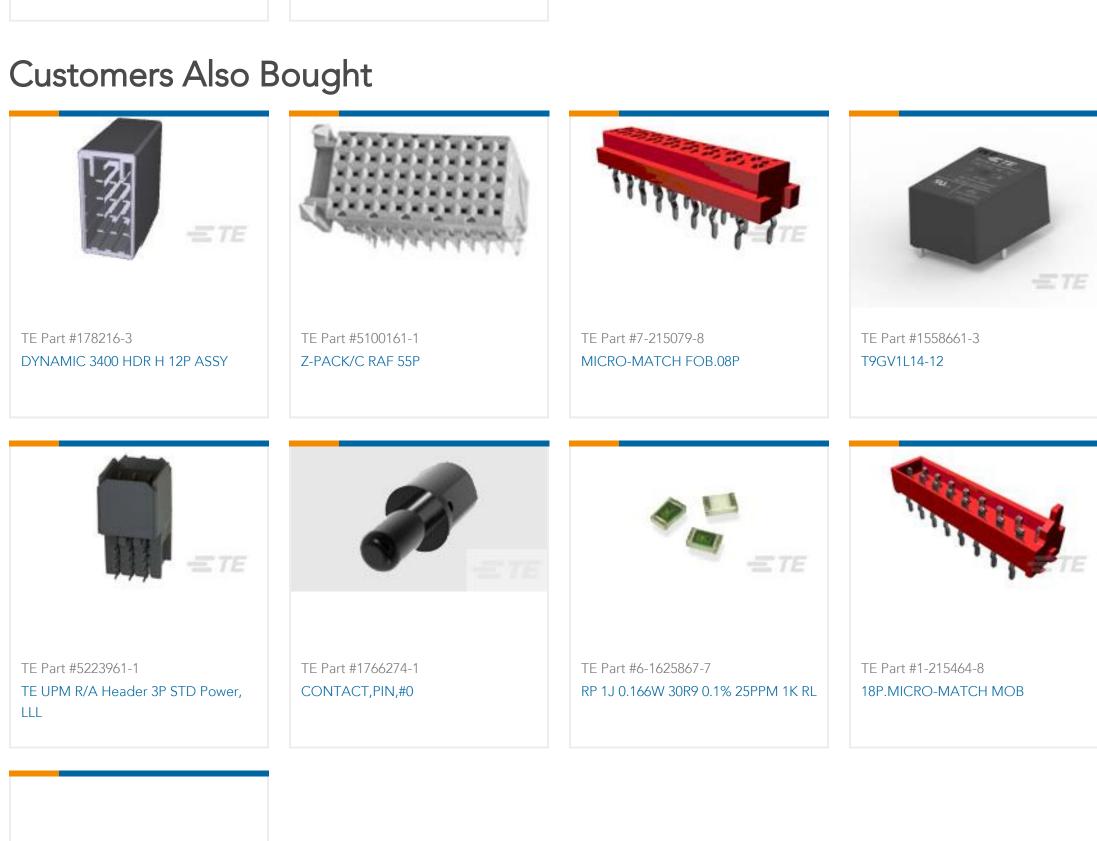


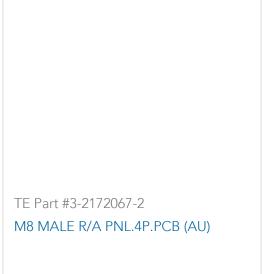


PCB Headers & Receptacles(1)









## **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

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



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 Conditions** of 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