Micro-MaTch | Micro-MaTch Industrial TE Part # 215464-8 TE Internal #: 215464-8 MALE-ON-BOARD CONNECTOR

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MALE-ON-BOARD CONNECTOR



Connector System: Board-to-Board

Number of Positions: 8

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

PCB Mount Retention: With

PCB Mount Retention Type: Kinked Solder Tails

All MALE-ON-BOARD CONNECTOR (36)

## Features

#### **Product Type Features**

Product Type

Board Standoff

Connector

With

Connector Type	Connector Assembly
Header Type	Shrouded
Connector System	Board-to-Board
Row-to-Row Spacing	1.5 mm
Connector Style	Plug
Profile	Standard
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Ejection Latches	Without
Number of Positions	8
PCB Mount Orientation	Vertical
Electrical Characteristics	
Operating Voltage	100 VAC
Insulation Resistance	1000 MΩ
Body Features	

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Daisy Chain	Without
Contact Features	
Contact Termination Area Plating Material	Tin
Contact Design	Press-Fit
Contact Transmits (Typical)	Signal (Data)
Vacuum Tape	Without
Contact Mating Area Plating Thickness	3 – 5 μm[118.11 – 196.85 μin]
Contact Termination Area Plating Thickness	3 – 5 μm[118.11 – 196.85 μin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A
Termination Features	
Termination Post Length	3.1 mm[.122 in]
Termination Method to Printed Circuit Board	Through Hole

# Mechanical Attachment

Polarization	Without
Mating Retention	Without
Mating Alignment	With
Contact Retention in Housing	Press-Fit
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Solder Tails
Mating Alignment Type	Polarization
Mating Connector Lock	Without
Housing Features	
Mating Entry Location	Тор
Housing Material	Polyester - GF
Housing Color	Red

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Centerline (Pitch)	1.27 mm[.05 in]
Dimensions	
Length	8.89 mm[.35 in]
Height	6.9 mm[.27 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]
Usage Conditions	
Operating Temperature Range	-40 – 105 °C
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	2500
Packaging Method	Reel
<b>Product Compliance</b> For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

EU ELV Directive 2000/53/EC

Wave solder capable to 265°C

Compliant

Product Compliance Disclaimer

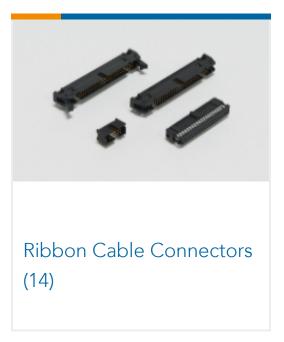
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

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product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

# **Compatible Parts**



# Also in the Series Micro-MaTch Industrial



# Customers Also Bought



## Documents

#### Product Drawings

**C** For support call+1 800 522 6752

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#### 08P.MICRO-MATCH MOB

English

**CAD** Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_215464-8\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_215464-8\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_215464-8\_C.3d\_stp.zip

English

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