MICRO-MATCH SMD FTE ✔ ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Part # 1-188275-4

TE Internal #: 1-188275-4

FEMALE-ON-BOARD CONNECTOR TOP ENTRY

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: **Without**

PCB Mount Orientation: **Vertical**

All FEMALE-ON-BOARD CONNECTOR TOP ENTRY (67)

Features

Product Type Features

Product Type	Connector
Board Standoff	With
Type of Connector	Female-on-Board
Connector Type	Connector Assembly
Header Type	Shrouded
Connector System	Board-to-Board
Row-to-Row Spacing	1.5 mm
Connector Style	Receptacle
Profile	Standard
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Ejection Latches	Without
Number of Positions	14
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	100 VAC
Insulation Resistance	1000 MΩ

Body Features

Daisy Chain	Without

Contact Features

Contact Design	Dual Beam
Contact Termination Area Plating Material	Tin
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	Socket
Contact Mating Area Plating Material	Tin
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	Surface Mount

Mechanical Attachment

Locking Latch	Without
Polarization	With
Mating Retention	Without
Mating Alignment	With
Contact Retention in Housing	Press-Fit
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Polarization
Mating Connector Lock	Without

Housing Features

Mating Entry Location	Top
Housing Material	PA 4.6
Housing Color	Red

Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Length	19.8 mm[.779 in]
Height	5.3 mm[.21 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C

Operation/Application

For Use With	Male-In-Wire/Male-On-Board

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	900
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 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the 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

TE Part # 1-338728-4
MICROM. MOB SMD CON

TE Part # 8-338728-4
MICROM. MOB SMD CON

TE Part # 1-215464-4
14P.MICRO-MATCH MOB

TE Part # 1-215083-4
MICRO-MATCH MOW.14P

TE Part # 8-215083-4
MICRO-MATCH MOW.14P

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

TE Part # 8-215464-4
14P.MICRO-MATCH MOB

Also in the Series | Micro-MaTch Industrial

Pluggable I/O Cable Assemblies(54)

Ribbon Cable Connectors (203)

Wire-to-Board Connector Contacts(4)

Customers Also Bought

TE Part #2-966658-2
32pos MQS .63 header 180deg

Documents

Product Drawings

MICRO-MATCH SMD FTE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-188275-4_U.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-188275-4_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-188275-4_U.3d_stp.zip

English

Datasheets & Catalog Pages

Micro-MaTch Catalog

English

Ribbon Cable Interconnect Solutions

English

Centerline Micro-Match Connector Series

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English