MICRO-MATCH SMD FTE ✔ ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Part # 1-338069-0

TE Internal #: 1-338069-0

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: **10**

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	10
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	100 VAC
Insulation Resistance	1000 MΩ

Body Features

Daisy Chain	Without

Contact Features

Contact Termination Area Plating Material	Tin
Contact Design	Dual Beam
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 Post Length	5.3 mm[.208 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mating Retention Type	Latch
Polarization	With
Mating Retention	With
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	17.3 mm[.681 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	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: JUN 2016 (169)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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 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

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 # 8-338728-0
MICROM. MOB SMD CON



TE Part # 1-338728-0
MICROM. MOB SMD CON



TE Part # 1-215083-0
MICRO-MATCH MOW.10P



TE Part # 8-215083-0
MICRO-MATCH MOW.10P



TE Part # 8-215464-0
10P.MICRO-MATCH MOB



TE Part # 1-215464-0
10P.MICRO-MATCH MOB



TE Part # 1-338095-0
MICRO-MATCH COSIHSG

Also in the Series | Micro-MaTch Industrial



Pluggable I/O Cable Assemblies(54)



Ribbon Cable Connectors (203)

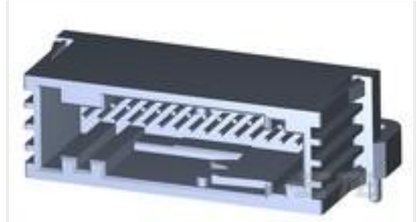


Wire-to-Board Connector Contacts(4)

Customers Also Bought



TE Part #7-1393740-0
V42254A2216B209=SUB D FEDERLEI



TE Part #1241656-1
32pos MQS .63 header 90deg



TE Part #7-2151524-7
OCEAN_2.0_SPARE_PART_KIT-042F050O

Documents

Product Drawings

MICRO-MATCH SMD FTE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-338069-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-338069-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-338069-0_K.3d_stp.zip

English

Datasheets & Catalog Pages

Micro-MaTch Catalog

English

Centerline Micro-Match Connector Series

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English