

7-338069-6 ✓ ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 7-338069-6

TE Internal Description: MICRO-MATCH SMD FTE

FEMALE-ON-BOARD CONNECTOR TOP ENTRY

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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: **6**

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

Header Type	Shrouded
Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	6
PCB Mount Orientation	Vertical

### Electrical Characteristics

Operating Voltage	100 VDC
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### Body Features

Connector Profile	Standard
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### Contact Features

Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 5 $\mu\text{m}$ [118.11 – 196.85 $\mu\text{in}$ ]
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 & Tail Length	5.3 mm[.208 in]
Termination Method to Printed Circuit Board	Surface Mount

#### Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch

#### Housing Features

Mating Entry Location	Top
Housing Material	PA 4.6
Housing Color	Red
Centerline (Pitch)	1.27 mm[.05 in]

#### Dimensions

Connector Height	6.9 mm[.27 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]
Row-to-Row Spacing	1.5 mm

#### Usage Conditions

Operating Temperature Range	-40 – 105 °C
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#### Operation/Application

Assembly Process Feature	Vacuum Tape
Circuit Application	Signal

#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Quantity	900
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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: JUL 2019 (201)  
 Candidate List Declared Against: JUL 2019 (201)  
 Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2019 (201)  
 Candidate List Declared Against: JUL 2019 (201)

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 # CAT-M5833-M2934  
MALE-ON-BOARD  
CONNECTOR



TE Part # CAT-M5833-M2934A  
MALE-ON-WIRE  
CONNECTOR



TE Part # CAT-M5833-C8684  
CRIMP-ON-SNAP-IN  
HOUSING

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 #826632-5  
5P AMPMODU II PIN HDR



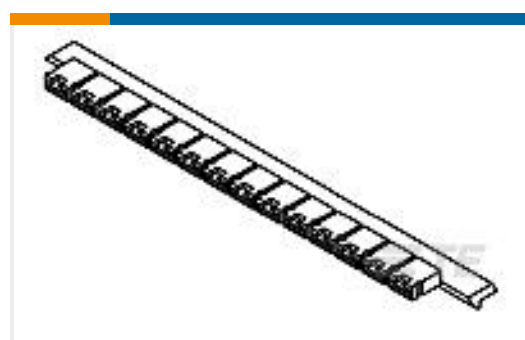
TE Part #825433-2  
MOD 2 PINHDR 1X2 P.



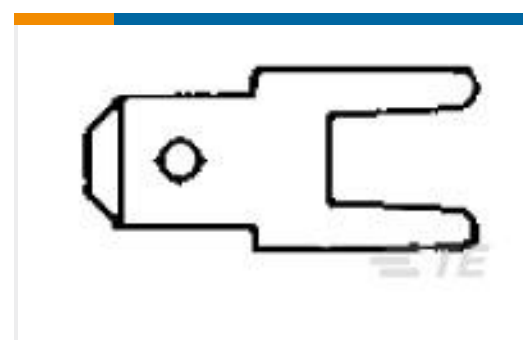
TE Part #825433-3  
MOD 2 PINHDR 1X3 P.



TE Part #2-1624117-0  
BMB-L 0805 1K



TE Part #142270-1  
CONNECTOR SHUNT 2 P



TE Part #1-726388-2  
FASTON 187 TAB .032  
TPBR



TE Part #1571983-8  
GDH06S04=DIP SWITCH

Documents

[Product Drawings](#)  
[MICRO-MATCH SMD FTE](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-338069-6\\_K.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-338069-6\\_K.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_7-338069-6\\_K.3d\\_stp.zip](#)

English

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**Datasheets & Catalog Pages**

[Micro-MaTch Catalog](#)

English

[Centerline Micro-Match Connector Series](#)

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English