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Crimp-on-Snap-in Housing



Connector System: **Wire-to-Board**

Number of Positions: **18**

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

Row-to-Row Spacing: **2 mm [.059 in]**

Number of Rows: **2**

[All Crimp-on-Snap-in Housing \(9\)](#)

Features

Product Type Features

|                                    |               |
|------------------------------------|---------------|
| Ribbon Cable Connector Header Type | Shrouded      |
| Connector Product Type             | Housing       |
| Connector System                   | Wire-to-Board |
| Connector & Housing Type           | Plug          |
| Connector & Contact Terminates To  | Wire & Cable  |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 18 |
| Number of Rows      | 2  |

Electrical Characteristics

|                       |         |
|-----------------------|---------|
| Insulation Resistance | 1000 MΩ |
| Operating Voltage     | 100 VAC |

Body Features

|                       |          |
|-----------------------|----------|
| Daisy Chain           | Without  |
| Primary Product Color | Red      |
| Connector Profile     | Standard |

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                                      |                 |
|------------------------------------------------------|-----------------|
| Contact Type                                         | Socket          |
| Contact Mating Area Plating Material                 | Tin             |
| PCB Contact Termination Area Plating Material Finish | Matte           |
| 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 Wire & Cable | Crimp & Snap |
|------------------------------------|--------------|

Mechanical Attachment

|                                       |                  |
|---------------------------------------|------------------|
| Mating Alignment                      | With             |
| Contact Retention Type Within Housing | Snap-In          |
| PCB Mount Alignment                   | Without          |
| Mating Alignment Type                 | Polarization     |
| Mating Retention                      | With             |
| Mating Retention Type                 | Contact Friction |

Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PBT GF          |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

|                             |                  |
|-----------------------------|------------------|
| Connector Length            | 26.2 mm[1.03 in] |
| Connector Height            | 12.4 mm[.49 in]  |
| PCB Thickness (Recommended) | 1.6 mm[.06 in]   |
| Row-to-Row Spacing          | 2 mm[.059 in]    |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| 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          |
| Packaging Method   | Box & Carton |

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: JUNE 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                  |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                    |

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



TE Part # CAT-M5833-F3492A  
Female-on-Board Connector, Top Entry



TE Part # CAT-M5833-C8684A  
Crimp Contacts - Micro-MaTch Entry



TE Part # 8-215460-8  
MICRO-MATCH FSID P



TE Part # 1-338070-8  
MICRO-MATCH FEM.SE





TE Part # 1-215460-8  
MICRO-MATCH FEM.SE



TE Part # 734870-2  
CRIMP HT, MICRO-MATCH COSI, AW



TE Part # 734870-1  
CRIMP HT, MICRO-MATCH COSI, AW



TE Part # 1-100400-8  
MICRO-MATCH FSID NP



TE Part # 5-1579008-3  
EXTRACTION TOOL



TE Part # 8-100400-8  
MICR-MATCH FSID NP

Also in the Series | Micro-MaTch Industrial



Board-In Connectors(20)



Insertion & Extraction Tools(1)



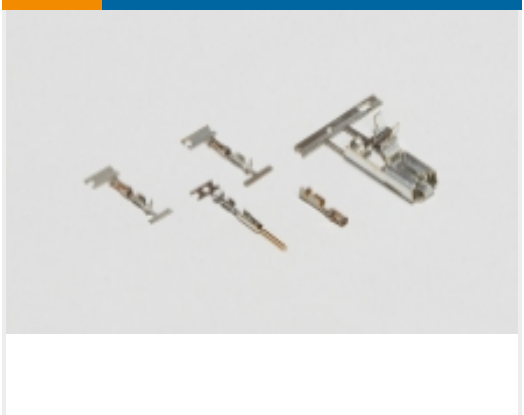
PCB Headers & Receptacles(1)



Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(185)



Wire-to-Board Connector Contacts(4)

Customers Also Bought



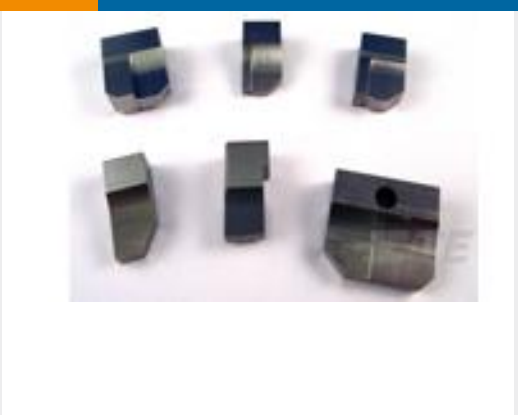
TE Part #53245-1  
TERMINAL,PG SPR SPD 16-14 10



TE Part #926476-4  
2X4P MODU 4 HSG.



TE Part #2119784-2  
CRIMPER, INSUL O PREMIUM



TE Part #1-1338690-2  
ANVIL, COMBINATION .055





TE Part #1-562108-5  
CRIMPER WIRE



TE Part #926476-5  
MOD 4 HSG



TE Part #8862813001  
FLHTC0311-26-2



TE Part #1642053002  
FLHTC0311-26-8



TE Part #7-2151059-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-110F140OV



TE Part #1-1106414-1  
HD.15.STO.1.M25.G-Bol-P

Documents

Product Drawings

18P. MICRO-MATCH COSI HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-338095-8\_D\_c-1-338095-8-d.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-338095-8\_D\_c-1-338095-8-d.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-338095-8\_D\_c-1-338095-8-d.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



micro-match crimp on snap in male on wire connector

English

Application Specification

English