

1-338095-2 ✓ ACTIVE

Micro-MaTch | Micro-MaTch Industrial

TE Internal #: 1-338095-2

Ribbon Cable Connectors, Wire-to-Board, 12 Position, 1.27 mm [.05 in] Centerline, 2 Row, Plug, Standard Profile, Micro-MaTch Industrial

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors >

Crimp-on-Snap-in Housing



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

Number of Positions: **12**

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 | 12 |
| 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 | 18.5 mm [.728 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

400

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)
Candidate List Declared Against: JUNE 2023 (235)
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



TE Part # 8-215460-2
MICRO-MATCH FSID P



TE Part # 1-338070-2
MICRO-MATCH FEM.SE



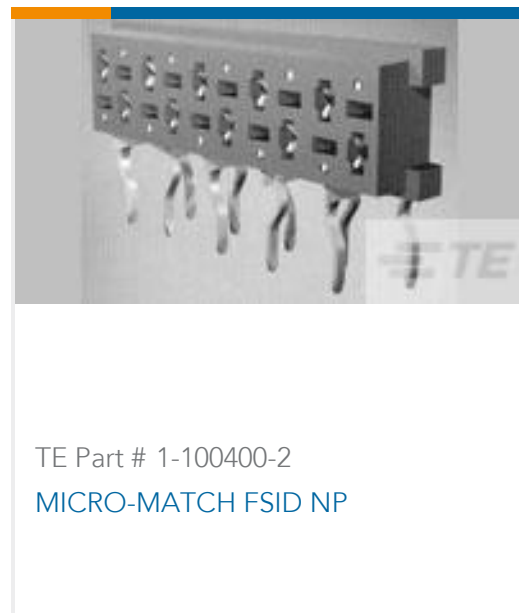
TE Part # 1-215460-2
MICRO-MATCH FEM.SE



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



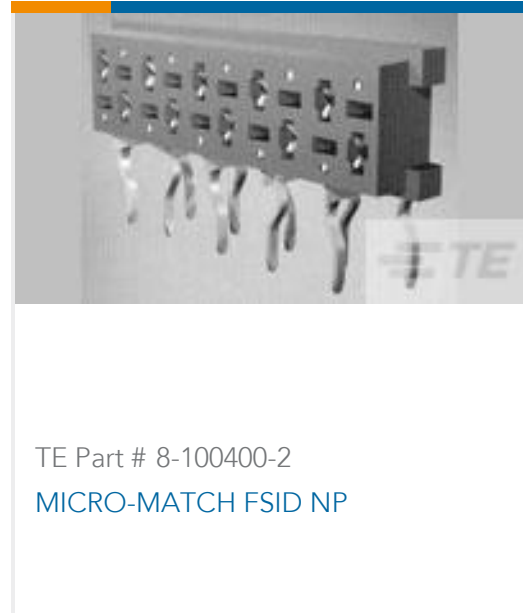
TE Part # 734870-1
CRIMP HT, MICRO-MATCH COSI, AW



TE Part # 1-100400-2
MICRO-MATCH FSID NP

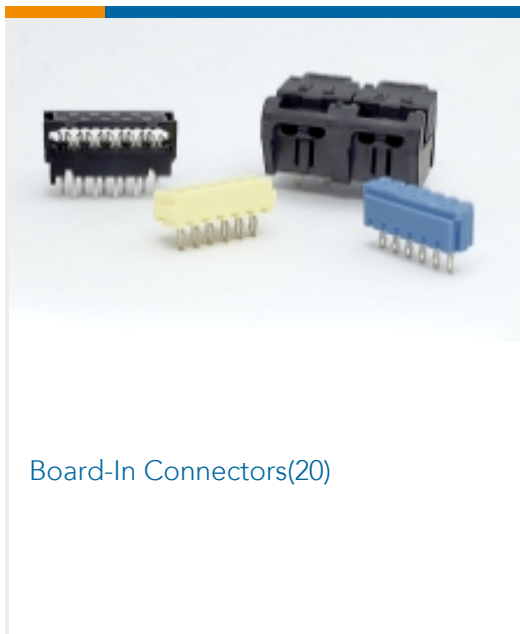


TE Part # 5-1579008-3
EXTRACTION TOOL

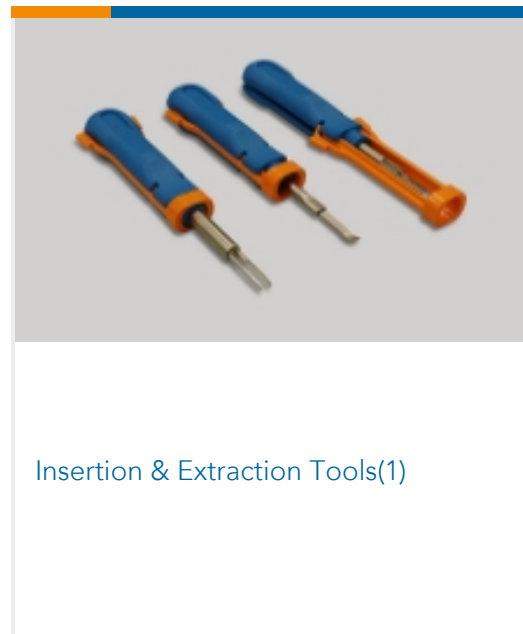


TE Part # 8-100400-2
MICRO-MATCH FSID NP

Also in the Series | Micro-MaTch Industrial



Board-In Connectors(20)



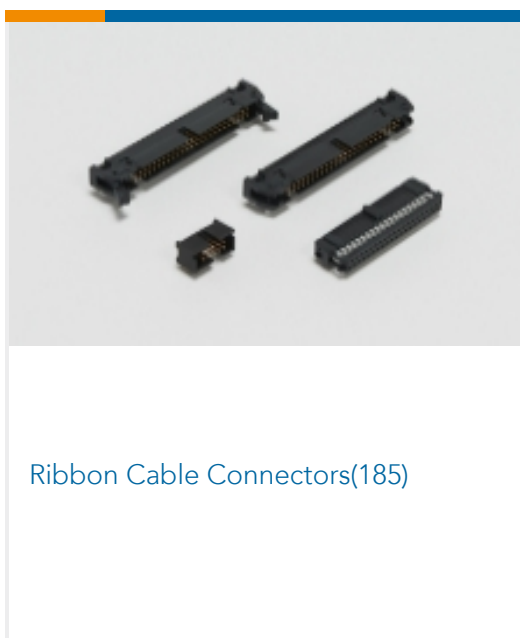
Insertion & Extraction Tools(1)



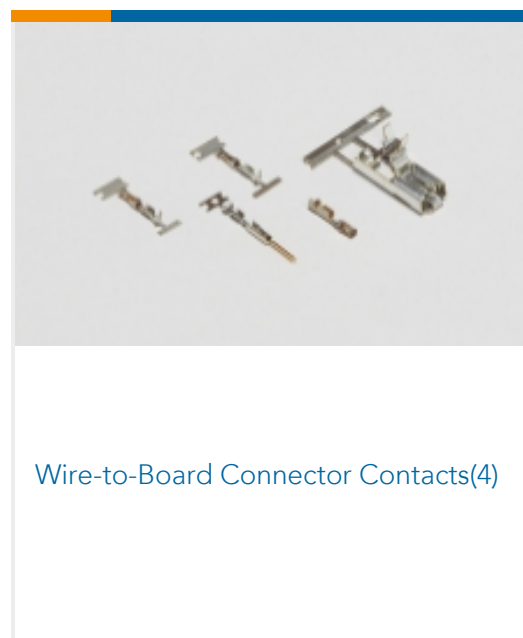
PCB Headers & Receptacles(1)



Pluggable I/O Cable Assemblies(52)



Ribbon Cable Connectors(185)

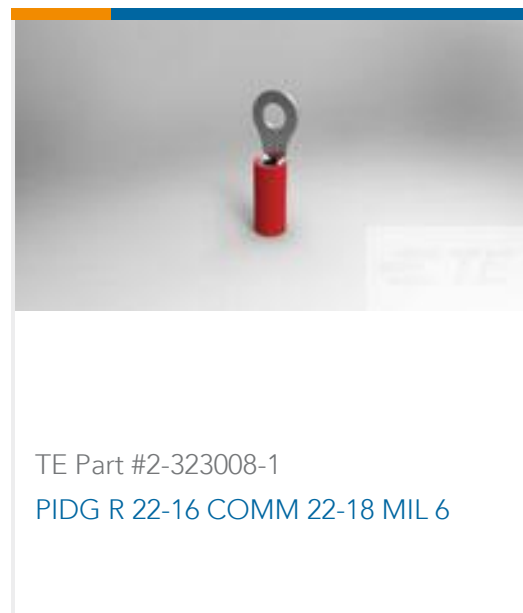


Wire-to-Board Connector Contacts(4)

Customers Also Bought



TE Part #1462041-3
IMB06CGR=IM RELAY 140mW 12V
HDV



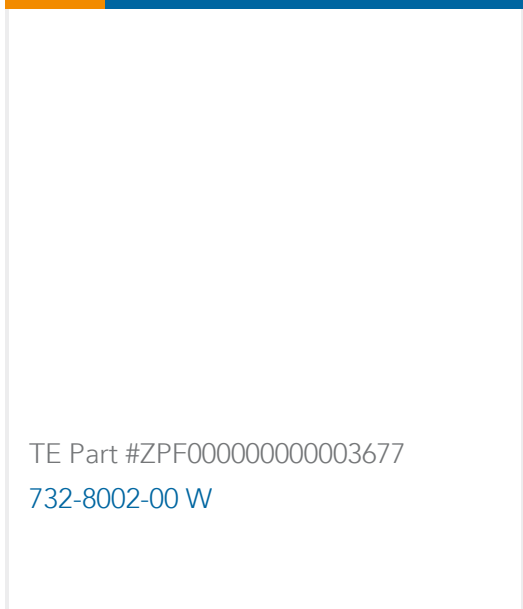
TE Part #2-323008-1
PIDG R 22-16 COMM 22-18 MIL 6



TE Part #4-1622820-5
3520 3R3 5%



TE Part #1879378-7
TLR 2512 2.0W R0005 1% 50PPM 2K RL



Documents

Product Drawings

[MICRO-MATCH COSIHS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-338095-2_D_c-1-338095-2-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338095-2_D_c-1-338095-2-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-338095-2_D_c-1-338095-2-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

[Product Environmental Compliance](#)

[Product Compliance](#)

English

[Product Compliance](#)

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