# 2-338095-0  ✔ ACTIVE

[Micro-MaTch](#) | [Micro-MaTch Industrial](#)

TE Internal #: 2-338095-0

Ribbon Cable Connectors, Wire-to-Board, 20 Position, .05 in [1.27 mm] Centerline, Crimp & Snap, 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:  **20**

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

Termination Method to Wire & Cable:  **Crimp & Snap**

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

[All CRIMP-ON-SNAP-IN HOUSING (9)](#)

## Features

### Product Type Features

| | |
|---|---|
| Connector Type | Housing |
| 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 | 20 |
| Number of Rows | 2 |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Daisy Chain | Without |
| Connector Profile | Standard |

### Contact Features

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| | |
|---|---|
| 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 |
| Housing Color | Red |
| Centerline (Pitch) | 1.27 mm[.05 in] |

### Dimensions

| | |
|---|---|
| Connector Length | 28.7 mm[1.129 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 |
| UL File Number | E28476 |

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| Agency/Standard | UL |
|---|---|
| UL Flammability Rating | UL 94V-0 |

## Packaging Features

| Packaging Quantity | 200 |
|---|---|
| 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 2022 (224)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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

TE Part # 9-215460-0
MICRO-MATCH FSID P

TE Part # 2-215460-0
MICRO-MATCH FEM.SE

TE Part # 2-338070-0
MICRO-MATCH FEM.SE

TE Part # 9-188431-0
M-MATCH FEM. BOTTOM ENTRY SMD INB.CONN.

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

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

TE Part # 2-100400-0
MICRO-MATCH FSID NP

TE Part # 5-1579008-3
EXTRACTION TOOL

TE Part # 9-100400-0
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(184)

Wire-to-Board Connector Contacts(4)

## Customers Also Bought

**2-338095-0**

Ribbon Cable Connectors, Wire-to-Board, 20 Position, .05 in [1.27 mm] Centerline, Crimp & Snap, 2 Row, Plug, Standard Profile, Micro-MaTch Industrial

TE Part #86561-6
ROUND WIRE PIN L.P.

TE Part #1-338097-1
MICRO-MATCH COSICNT

TE Part #6134370001
RPS-22-18/2.0-9

TE Part #179609-1
AMP CT CRIMP TTYPE-2 REC CONT.

TE Part #87631-2
06 MODIV HSG DR MRKD .100 POL

TE Part #794615-8
PANEL MT DBL ROW HSG 8 POS

TE Part #1-215083-6
MICRO-MATCH MOW.16P

TE Part #87046-3
MOD IV RECP LP

## Documents

### Product Drawings

MICRO-MATCH COSI HSG

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-338095-0_D_c-2-338095-0-d.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-338095-0_D_c-2-338095-0-d.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-338095-0_D_c-2-338095-0-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

2-338095-0

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Crimp & Snap, 2 Row, Plug, Standard Profile, Micro-MaTch Industrial

micro-match crimp on snap in male on wire connector

English

Application Specification

English