



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

Centerline (Pitch): **2.54 mm [.1 in]**

## Features

### Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable  |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 4 |
| Number of Rows      | 1 |

### Electrical Characteristics

|                                       |         |
|---------------------------------------|---------|
| Termination Resistance                | 12 mΩ   |
| Insulation Resistance                 | 5000 MΩ |
| Dielectric Withstanding Voltage (Max) | 750 V   |
| Operating Voltage                     | 250 VAC |

### Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Layout               | Inline          |
| Contact Type                 | Socket          |
| Contact Base Material        | Phosphor Bronze |
| Contact Current Rating (Max) | 3 A             |

### Termination Features



|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                       |         |
|-----------------------|---------|
| Mating Retention Type | Lock    |
| Mating Retention      | Without |

### Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
| Housing Material            | Polyester GF     |
| Centerline (Pitch)          | 2.54 mm [.1 in]  |
| Housing Color               | Black            |

### Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Length | 10.56 mm [.42 in] |
| Connector Height | 4.44 mm [.175 in] |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| Approved Standards     | CSA LR7189, UL E28476         |
| UL Flammability Rating | UL 94V-0                      |

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

### 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 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223) |

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

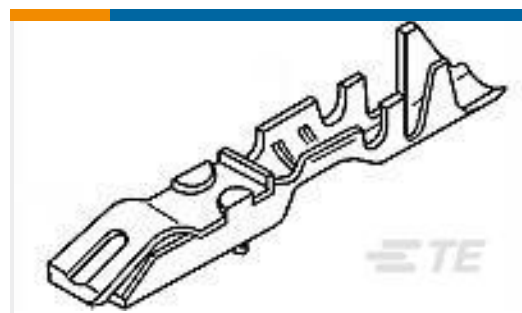
Solder Process Capability

Not applicable for solder process capability

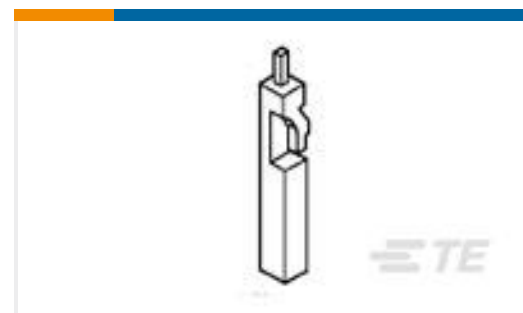
Product Compliance Disclaimer

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>

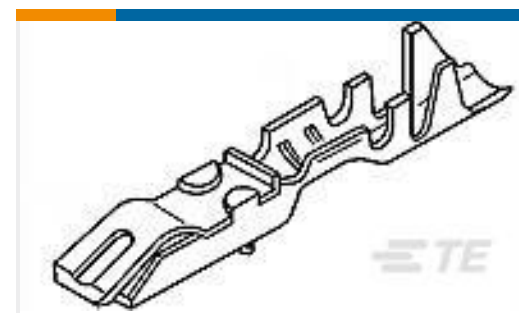
## Compatible Parts



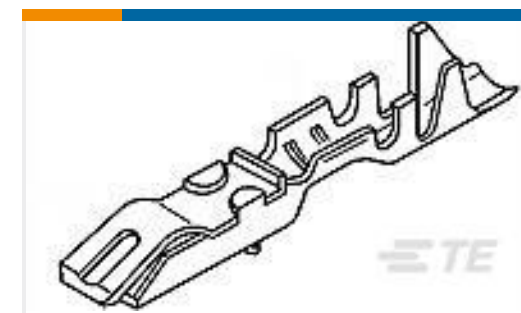
TE Part # 5-87165-2  
LOCKING CLIP ASSY .025 SQ LP



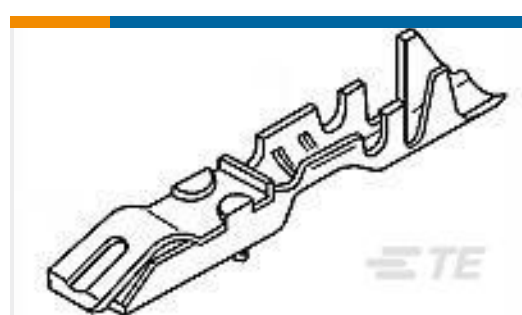
TE Part # 87179-1  
LOCKING CLIP KEYING PLUG



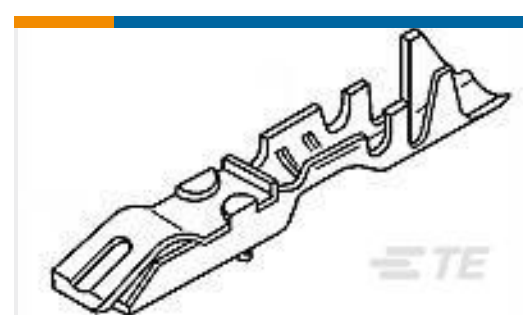
TE Part # 87190-1  
LOCKING CLIP CONT ASSY .025 SQ



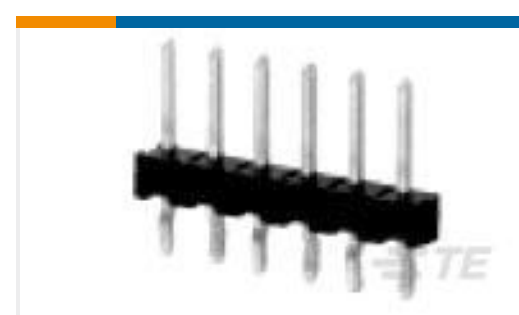
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LOCKING CLIP CONT ASSY .025 SQ



TE Part # 5-87124-2  
LOCKING CLIP CONT ASY .025 SQ



TE Part # 87124-1  
LOCKING CLIP CONT ASSY .025 SQ



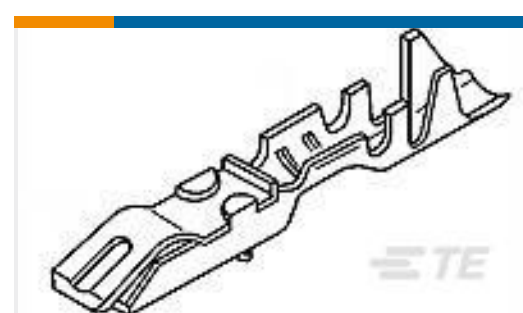
TE Part # 104346-2  
04 MODII HDR SRST B/A W/HD



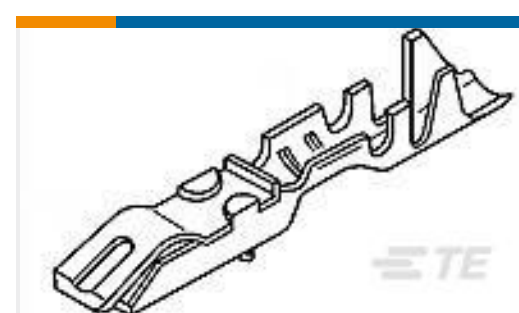
TE Part # 5-146276-4  
04 MODII HDR SRST B/A .100CL



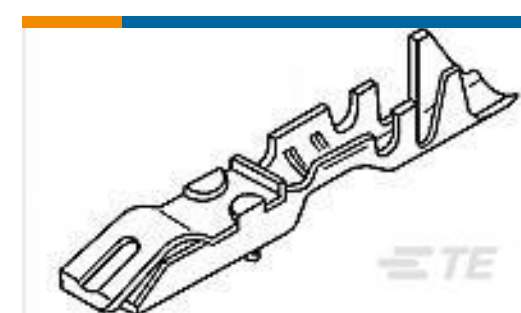
TE Part # 5-146280-4  
04 MODII HDR SRST B/A .100CL



TE Part # 5-87191-2  
LOCKING CLIP ASSY .025 SQ LP



TE Part # 867052-1  
LOCKING CLIP CONT ASSY .025 SQ



TE Part # 87165-2  
LOCKING CLIP ASSY .025 SQ LP



TE Part # 5-103327-1  
04 MODII HDR SRST B/A .100CL



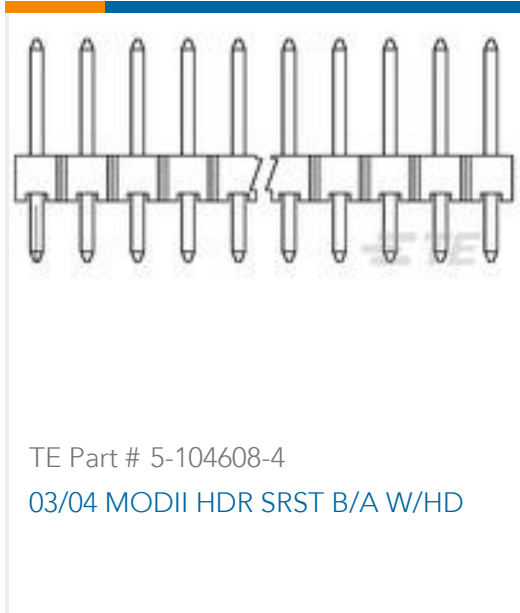
TE Part # 104345-2  
04 MODII HDR SRST B/A W/HD



TE Part # 104426-2  
04 MODII HDR SRST B/A W/HD



TE Part # 5-102974-4  
04 MODII HD SRRA B/A .100CL,LF



TE Part # 5-104608-4  
03/04 MODII HDR SRST B/A W/HD



TE Part # 5-147118-3  
04 MODII HDR SR SFMNT B/A LF

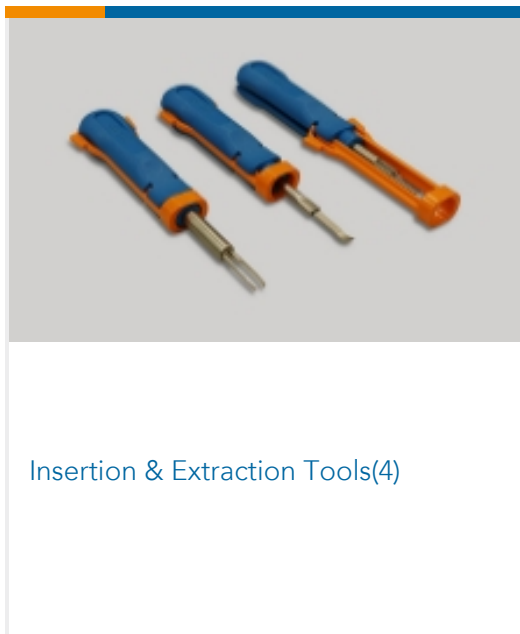


TE Part # 91084-1  
EXTRACTION TOOL



TE Part # 5-867052-1  
LOCKING CLIP CONT ASSY .025 SQ

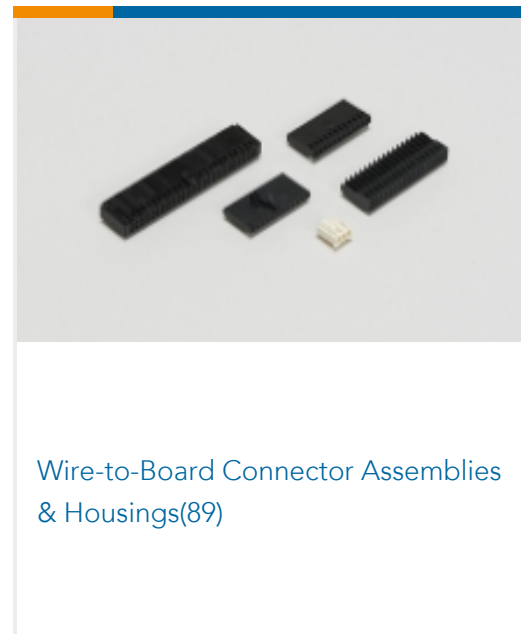
### Also in the Series | AMPMODU LOCKING CLIP



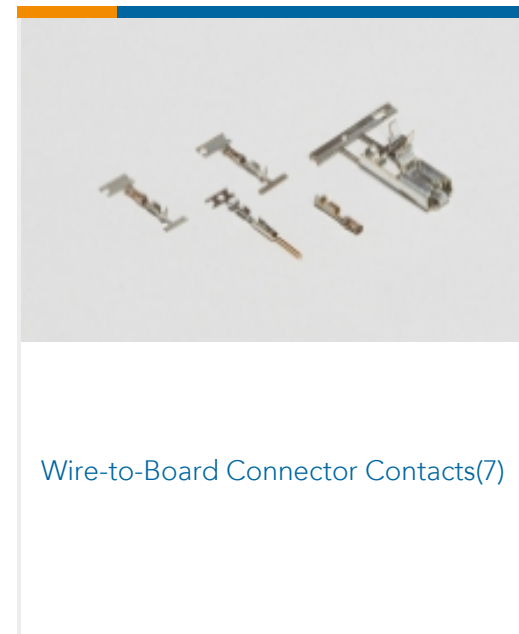
Insertion & Extraction Tools(4)



PCB Connector Keying(1)



Wire-to-Board Connector Assemblies & Housings(89)



Wire-to-Board Connector Contacts(7)

### Customers Also Bought



TE Part #3-641191-6  
06P MTA100 CONN ASSY WHT LF



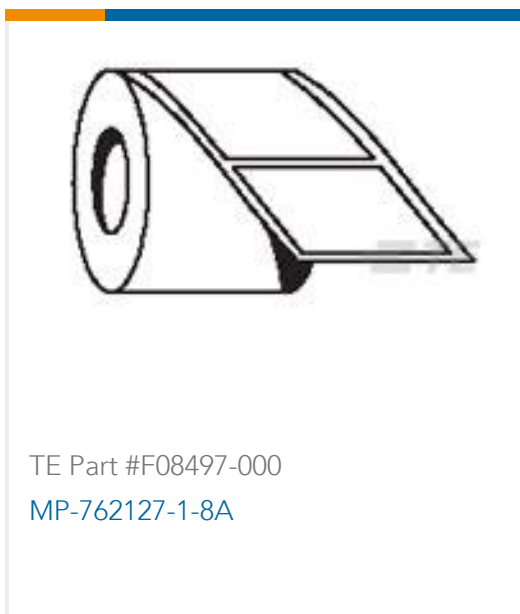
TE Part #1-87631-2  
16 MODIV HSG DR MRKD .100 POL



TE Part #6-534998-3  
26 MODIV VRT DR CE 100/125



TE Part #3-1437622-0  
KN1251B1/4=KNOB BLK KNURL L/HA



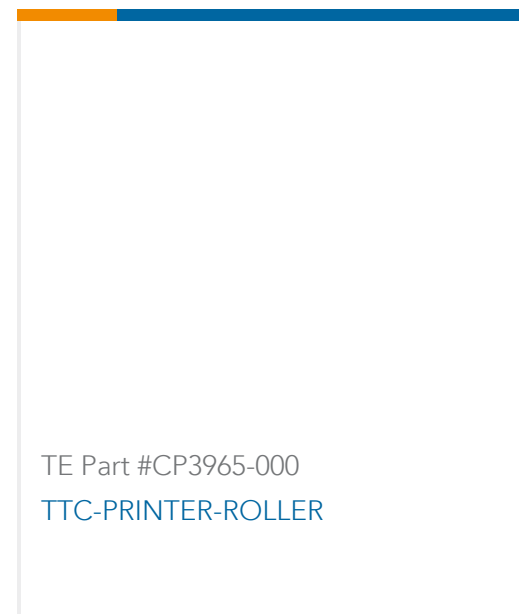
TE Part #F08497-000  
MP-762127-1-8A



TE Part #1-1658624-0  
050 NOVO DUAL 30DP FT



TE Part #NB19234001  
RNF-100-1/8-CL-SP



TE Part #CP3965-000  
TTC-PRINTER-ROLLER



## Documents

### Product Drawings

[04 LOCKING CLIP HSG SR .100CL](#)

English

### CAD Files

[3D PDF](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-87175-0\\_U.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-87175-0\\_U.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_1-87175-0\\_U.2d\\_dxf.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

### Product Specifications

[Application Specification](#)

English

### Product Environmental Compliance

[MD\\_1-87175-0\\_10282015625\\_dmtec](#)

English

[MD\\_1-87175-0\\_10282015625\\_dmtec](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[AMPMODU Locking Clip Contacts and Housings for 0.64mm Square Posts](#)

1-87175-0

Housing, Receptacle, Wire-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Crimp, 1 Row, Black, Wire & Cable, Power & Signal, AMPMODU LOCKING CLIP



English