

RAYCHEM

TE Internal #: 724145-000

Receptacle, Housing Kit, Crimp, Wire-to-Wire, UL 94V-0, 2.54 mm [.1 in] Centerline, 1500 VAC, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging)

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing Kit**  
Connector & Housing Type: **Receptacle**  
Mating Alignment: **With**  
Mating Alignment Type: **Keyed**  
Mating Retention: **With**

Features

Product Type Features

|                                   |              |
|-----------------------------------|--------------|
| Connector Shell Size              | 02           |
| Connector Product Type            | Housing Kit  |
| Connector & Housing Type          | Receptacle   |
| Connector System                  | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 954 VDC |
|-------------------|---------|

Body Features

|                        |             |
|------------------------|-------------|
| Shell Plating Material | Nickel      |
| Strain Relief Type     | Cable Clamp |

Contact Features

|                                  |      |
|----------------------------------|------|
| Contact Retention Within Housing | With |
| Contact Type                     | Pin  |
| Contact Current Rating (Max)     | 5 A  |

Termination Features

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

Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Panel Mount Feature Type | Mounting Ears |
|--------------------------|---------------|



|                         |                            |
|-------------------------|----------------------------|
| Mating Alignment        | With                       |
| Mating Alignment Type   | Keyed                      |
| Mating Retention        | With                       |
| Mating Retention Type   | Jackscrew                  |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Not Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准<br>Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                                             |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Cd (100% in 5115185546)<br><small>Article Safe Usage Statements:<br/>Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</small> |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                                                                                                                                                                                                                                                                                                                                              |
| Solder Process Capability                     | Not applicable for solder process capability                                                                                                                                                                                                                                                                                                                                                                                                      |

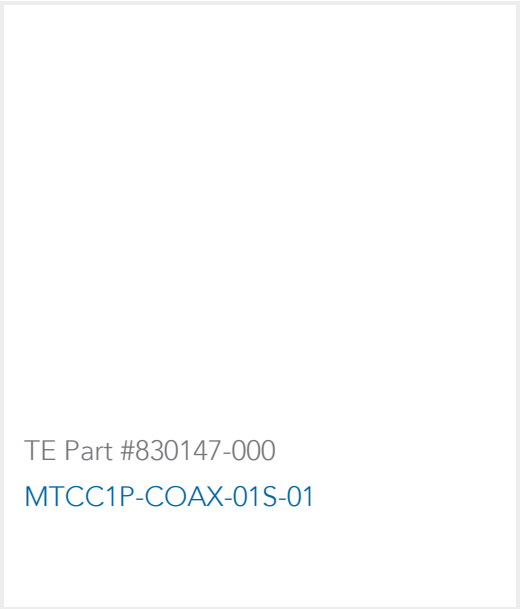
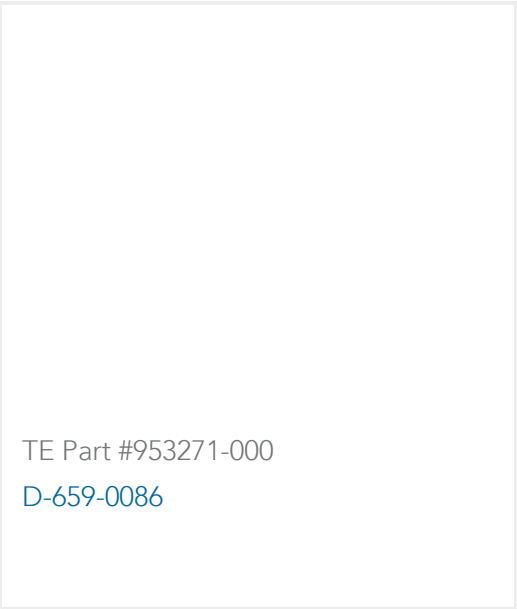
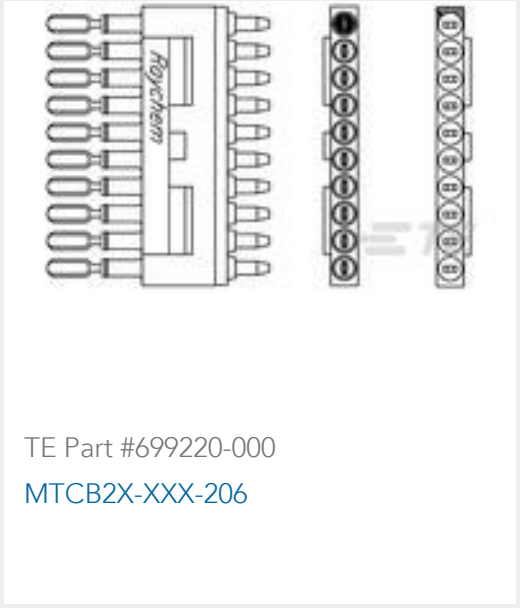
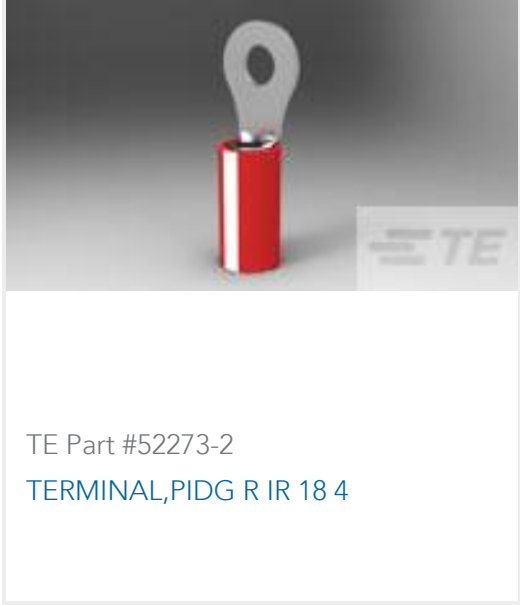
Product Compliance Disclaimer

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>

Customers Also Bought

|                                                                                                                                                         |                                                                                                                                                        |                                                                                                                                                        |                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #489007-000<br/><a href="#">MTCC1R-COAX-01S-01</a></p>    |  <p>TE Part #909117-000<br/><a href="#">D-659-0087</a></p>          |  <p>TE Part #830147-000<br/><a href="#">MTCC1P-COAX-01S-01</a></p> |  <p>TE Part #953271-000<br/><a href="#">D-659-0086</a></p>      |
|  <p>TE Part #676516-000<br/><a href="#">S03-03-R</a></p>             |  <p>TE Part #697038-000<br/><a href="#">D-659-0026</a></p>         |  <p>TE Part #699220-000<br/><a href="#">MTCB2X-XXX-206</a></p>    |  <p>TE Part #699219-000<br/><a href="#">MTCB2X-XXX-205</a></p> |
|  <p>TE Part #52273-2<br/><a href="#">TERMINAL,PIDG R IR 18 4</a></p> |  <p>TE Part #518287-000<br/><a href="#">MTCC1R-COAX-01P-01</a></p> |                                                                                                                                                        |                                                                                                                                                     |

Documents

Product Drawings  
[MTCC2R-020-020-01](#)

English

CAD Files  
[3D PDF](#)

3D

Customer View Model  
[ENG\\_CVM\\_CVM\\_724145-000\\_O\\_c-724145-000-o.2d\\_dxf.zip](#)

English

Customer View Model  
[ENG\\_CVM\\_CVM\\_724145-000\\_O\\_c-724145-000-o.3d\\_igs.zip](#)





English

Customer View Model

[ENG\\_CVM\\_CVM\\_724145-000\\_O\\_c-724145-000-o.3d\\_stp.zip](#)

English

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Product Specifications

[Procedures for Terminating MTC50 Connectors with Solder Sleeve? Terminators to Flat Conductor Cables, without Planar Shielding](#)

English