Economy Power 2.5
TE Internal #: 1969442-6
TE Internal Description: EP 2.5 TPA Housing, 6 Pos

Features

Product Type Features

<table>
<thead>
<tr>
<th>Connector &amp; Housing Type</th>
<th>Receptacle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector Product Type</td>
<td>Housing</td>
</tr>
<tr>
<td>Connector System</td>
<td>Wire-to-Board</td>
</tr>
<tr>
<td>Sealable</td>
<td>No</td>
</tr>
<tr>
<td>Connector &amp; Contact Terminates To</td>
<td>Wire &amp; Cable</td>
</tr>
</tbody>
</table>

Configuration Features

<table>
<thead>
<tr>
<th>Number of Positions</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Rows</td>
<td>1</td>
</tr>
</tbody>
</table>

Electrical Characteristics

| Operating Voltage   | 250 VAC |

Contact Features

<table>
<thead>
<tr>
<th>Contact Type</th>
<th>Socket</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Base Material</td>
<td>Copper Alloy</td>
</tr>
<tr>
<td>Contact Current Rating (Max)</td>
<td>4.5 A</td>
</tr>
</tbody>
</table>
Termination Method to Wire & Cable | Crimp
---|---
**Mechanical Attachment**
Strain Relief | Without
Panel Mount Feature | Without
PCB Mount Retention | Without
Mating Retention Type | Latch
Mating Retention | With
Connector Mounting Type | Cable Mount (Free-Hanging)

**Housing Features**
Housing Entry Configuration | Both Ends Closed
Housing Material | Nylon - GF
Centerline (Pitch) | 2.5 mm [.098 in]
Housing Color | Natural

**Dimensions**
Connector Length | 17.3 mm [.6811 in]
Connector Height | 8 mm [.315 in]
Connector Width | 9.58 mm [.377 in]
Wire Size | .13 – .33 mm²

**Usage Conditions**
Operating Temperature Range | -55 – 105 °C [-67 – 221 °F]

**Operation/Application**
Circuit Application | Power

**Industry Standards**
Glow Wire Rating | Standard Part - Not Glow Wire
UL Flammability Rating | UL 94V-0
CSA Certified | Pending

**Packaging Features**
Packaging Quantity | 500
Packaging Method | Bag

**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 | ECHAによる現在の候補リスト: 2019年7月（201）
候補リストの表記: 2019年7月（201）
REACH SVHCを含まない
EU REACH Regulation (EC) No. 1907/2006 | ECHAによる現在の候補リスト: 2019年7月（201）
候補リストの表記: 2019年7月（201）
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, 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’ (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as OSA (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

**Compatible Parts**

- **TE Model / Part # 2132415-6**
  - EP2.5 Shrouded HDR
  - ASSY 6P VERT w/o boss

- **TE Model / Part # 1744418-6**
  - 6 POS EP 2.5 HDR, GLOW WIRE

- **TE Model / Part # 1744423-1**
  - EP 2.5 RCPT CONTACT, 24-20 AWG

- **TE Model / Part # 2110989-1**
  - EP 2.5 RCPT CONTACT, 26-22 AWG
TE Model / Part # 1744446-6
Hdr Assy, EP 2.5 RA, 6 Pos., GW

TE Model / Part # 2132230-6
EP 2.5 Shrouded HDR ASSY 6P VERT

TE Model / Part # 1744426-6
Header Housing Assy, EP 2.5 RA, 6 Pos.

TE Model / Part # 1969443-6
EP 2.5 TPA Retainer, 6 Pos.

TE Model / Part # 1744439-6
EP2.5 Shrd HDR ASSY 6P VERT, GW

TE Model / Part # 1-2299683-6
EP2.5 HDR 6P VERT W/O BOSS, TAPING, RED

TE Model / Part # 2-2299683-6
EP2.5 HDR 6P VERT W/O BOSS, TAPING, BLUE

TE Model / Part # 3-2299683-6
EP2.5 HDR 6P VERT W/O BOSS, TAPING, BLACK

TE Model / Part # 4-2299683-6
EP2.5 HDR 6P VERT W/O BOSS, TAPING, YELLOW

TE Model / Part # 5-2299683-6
EP2.5 HDR 6P VERT W/O BOSS, TAPING, GREEN

Also in the Series

Economy Power 2.5

PCB Latches, Locks & Retainers(36)

Wire-to-Board Connector Contacts(6)

Wire-to-Board Connector Housings(102)

Wire-to-Board Headers & Receptacles(187)

Customers Also Bought

TE Model / Part # 1969442-7
EP 2.5 TPA Housing, 7 Pos

TE Model / Part #176498-6
PL MKII 187 REC HSG 2P NYLON BLUE

TE Model / Part # 1969443-6
EP 2.5 TPA Retainer, 6 Pos

TE Model / Part #1-1969541-2
RETAIL, TPA, DUAL ROW, EP2.5

For support call +1 800 522 6752

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