Timer Connector System, Housing for female terminals, Wire-to-Wire, 2 Position, 5mm [.197in] Centerline, Sealable, Black, Signal

**Features**

**Product Type Features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector Style</td>
<td>Housing for female terminals</td>
</tr>
<tr>
<td>Mating Tab Width</td>
<td>3 mm [.118 in]</td>
</tr>
<tr>
<td>Connector System</td>
<td>Wire-to-Wire</td>
</tr>
<tr>
<td>Number of Positions</td>
<td>2</td>
</tr>
<tr>
<td>Centerline (Pitch)</td>
<td>5 mm [.197 in]</td>
</tr>
</tbody>
</table>

**Configuration Features**

<table>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Positions</td>
<td>2</td>
</tr>
<tr>
<td>Number of Rows</td>
<td>1</td>
</tr>
</tbody>
</table>

**Electrical Characteristics**

- Nominal Voltage Architecture: 12 V, 24 V
- Operating Voltage: 24 VDC

**Body Features**

- Cable Exit Angle: 180°
- Body Material: PA
- Color: Black

**Contact Features**
### Mating Tab Width
3 mm [.118 in]

#### Mechanical Attachment
- **Terminal Position Assurance:** Yes
- **Mounting Feature:** Without
- **Polarized:** Yes

#### Housing Features
- **Centerline (Pitch):** 5 mm [.197 in]

#### Dimensions
- **Height:** 37.5 mm [.1476 in]
- **Length:** 23.8 mm [.937 in]
- **Width:** 22 mm [.866 in]

#### Usage Conditions
- **Operating Temperature Range:** -30 – 125 °C [-22 – 257 °F]

#### Operation/Application
- **Circuit Application:** Signal

#### Packaging Features
- **Packaging Method:** Bag

#### Other
- **Serviceable:** No
- **Connector Position Assurance Capable:** No

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

<table>
<thead>
<tr>
<th>Compliance Requirement</th>
<th>Status</th>
</tr>
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<tbody>
<tr>
<td>EU RoHS Directive 2011/65/EU</td>
<td>Compliant</td>
</tr>
<tr>
<td>EU ELV Directive 2000/53/EC</td>
<td>Compliant</td>
</tr>
<tr>
<td>China RoHS 2 Directive MIIT Order No 32, 2016</td>
<td>No Restricted Materials Above Threshold</td>
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<tr>
<td></td>
<td>Candidate List Declared Against: JUL 2019</td>
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<tr>
<td></td>
<td>(201)</td>
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<tr>
<td></td>
<td>Does not contain REACH SVHC</td>
</tr>
</tbody>
</table>
Timer Connector System, Housing for female terminals, Wire-to-Wire, 2 Position, 5mm (0.197in) Centerline, Sealable, Black, Signal

Halogen Content
Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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 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 O5A (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 # 828904-1
  SINGLE WIRE SEAL FOR J.P.T.CON

- TE Model / Part # 828905-1
  SINGLE-WIRE SEAL (5MM HOLE)

- TE Model / Part # CAT-T4827-T273
  TIMER, RECEPTACLE AND TAB

- TE Model / Part # 282536-1
  S.WAY SEAL F.JPT CONTACT 2.5MM

- TE Model / Part # 1-929937-1
  JPT REC 2.8 Contact SWS Au

- TE Model / Part # 828906-1
  SINGLE-WIRE SEAL (5MM HOLE)

- TE Model / Part # 1-929937-1
  JPT REC 2.8 Contact SWS Au

- TE Model / Part # 828905-1
  SINGLE WIRE SEAL(5MM HOLE)

- TE Model / Part # 828904-1
  SINGLE WIRE SEAL FOR JPT CON

Also in the Series | Timer Connector System

For support call +1 800 522 6752

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