



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Receptacle**

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

Number of Positions: **2**

Number of Rows: **1**

Wire Entry Angle: **90°**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Terminal Block Connector Type     | Receptacle            |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                        |                |
|------------------------|----------------|
| Wire Entry Location    | Side           |
| Stacking Configuration | Side Stackable |
| Number of Positions    | 2              |
| Number of Rows         | 1              |
| Wire Entry Angle       | 90°            |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

Body Features

|                       |          |
|-----------------------|----------|
| Primary Product Color | Gray     |
| Product Orientation   | Vertical |



Contact Features

|                                      |        |
|--------------------------------------|--------|
| Contact Mating Area Plating Material | Tin    |
| Contact Base Material                | Copper |
| Contact Current Rating (Max)         | 20 A   |

Termination Features

|                                    |                       |
|------------------------------------|-----------------------|
| Termination Method to PCB          | Through Hole - Solder |
| Termination Method to Wire & Cable | Push-in               |

Housing Features

|                  |                                     |
|------------------|-------------------------------------|
| Housing Material | High Temperature Nylon or Polyester |
|------------------|-------------------------------------|

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 28 – 12 AWG |
|-----------|-------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

|                  |              |
|------------------|--------------|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| Solder Process Capability                     | Wave solder capable to 260°C                                                                                                    |

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-SL36-M6642B  
Miniature Headers, SlimSeal



TE Part # 2834167-3  
RELEASABLE SLIM CONTACT



TE Part # 2834006-1  
RELEASE POKE-IN CONNECTOR\_1POLES

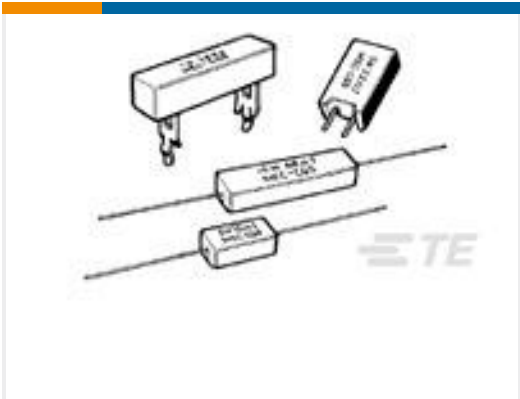


TE Part # 2834334-2  
4.0PITCH ITB CONN\_2P\_W CAP\_NATURAL



TE Part # 2834385-2  
RELEASE POKE-IN CONNECTOR\_2P\_NATURAL

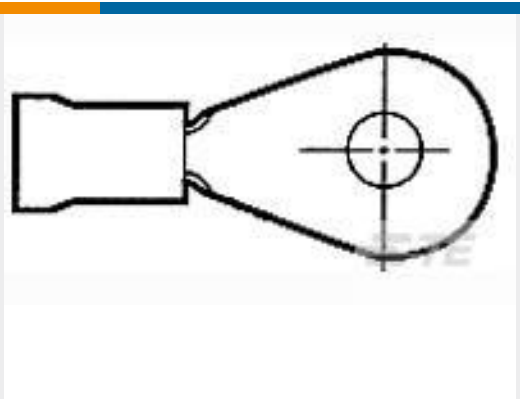
### Customers Also Bought



TE Part #2-1623782-5  
SQM5 20K 5% (METAL FILM)



TE Part #5536418-5  
ASSY,RECEPT,EURO,TYPE C,LEAD-F



TE Part #55621-2  
TERMINAL R PG 8 1/4



TE Part #4-2176369-7  
RQ 0603 121R 0.1% 10PPM 5K RL





TE Part #2-2176382-3  
RQ 0805 226K 0.1% 10PPM 5K RL

TE Part #1461404-4  
OJ-SH-124LM,000

TE Part #2-1879125-4  
RN 0402 60R4 0.1% 10PPM 5K RL

TE Part #4-2363962-0  
0.4mm BTB CONN H0.8 PLUG ASSEMBLY, 40P

TE Part #9-2176577-3  
RLC73K 2B R511 1% 5K RL

Documents

Product Drawings  
5.0MM SIDE ENTRY MSC 2P\_GY  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2834080-1\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2834080-1\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2834080-1\_A.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages  
Modular Screwless Terminal Blocks Flyer (Chinese)  
BUCHANAN WireMate Connectors Brochure  
BUCHANAN WireMate Connectors Brochure  
English  
Modular Screwless Terminal Blocks Flyer  
English