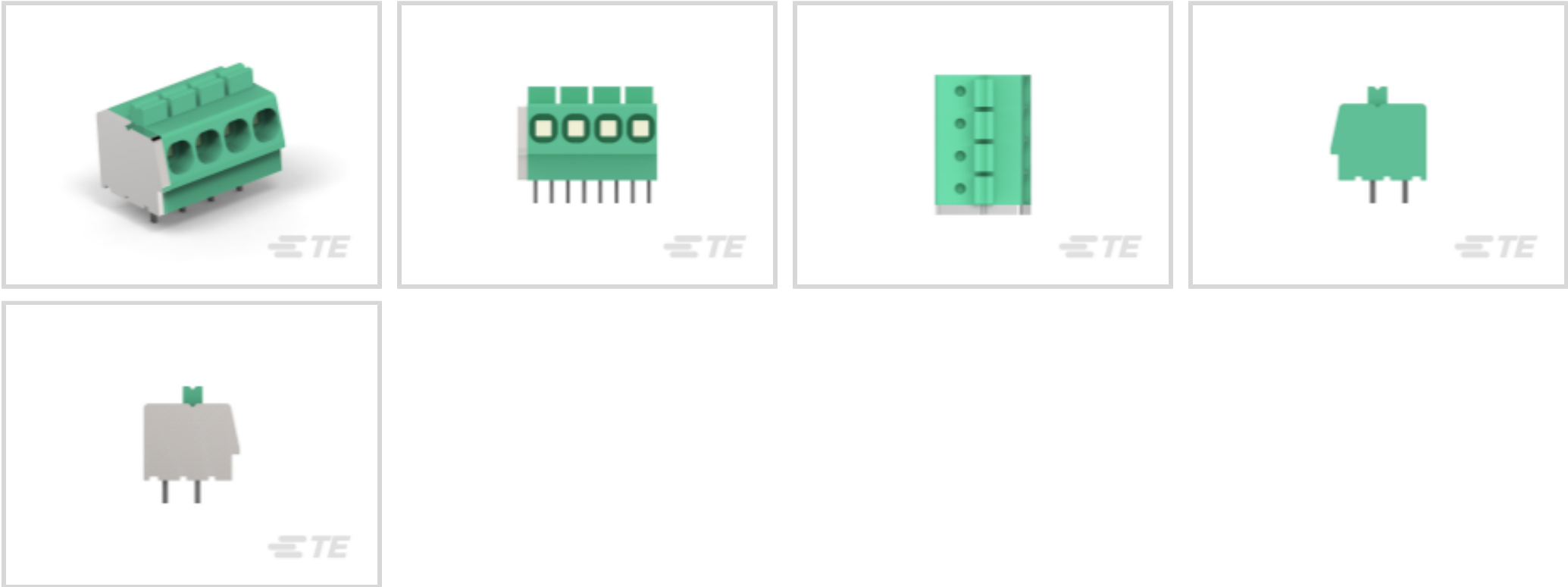




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 12

Terminal Block Connector Type: Header

Connector System: Wire-to-Board

Centerline (Pitch): 5 mm [.197 in]

Number of Rows: 2

Features

Product Type Features

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

Configuration Features

|                        |                |
|------------------------|----------------|
| Stacking Configuration | Side Stackable |
| Number of Positions    | 12             |
| Number of Rows         | 2              |
| Wire Entry Angle       | 90°            |
| Wire Entry Location    | Side           |

Electrical Characteristics

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

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Green |
|-----------------------|-------|



|                     |          |
|---------------------|----------|
| Lever Color         | White    |
| Product Orientation | Vertical |

Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Contact Mating Area Plating Material | Tin (Sn)        |
| Contact Mating Area Length           | 3.5 mm[.138 in] |
| Contact Base Material                | Copper Alloy    |
| Contact Current Rating (Max)         | 16 A            |

Termination Features

|                                    |                       |
|------------------------------------|-----------------------|
| Termination Post & Tail Length     | 3.5 mm[.138 in]       |
| Termination Method to PCB          | Through Hole - Solder |
| Termination Method to Wire & Cable | Push-in               |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                    |               |
|--------------------|---------------|
| Housing Material   | Polyamide     |
| Centerline (Pitch) | 5 mm[.197 in] |

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 30 – 12 AWG |
|-----------|-------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

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 2025 (247) |



Candidate List Declared Against: JAN 2025 (247)  
Does not contain REACH SVHC

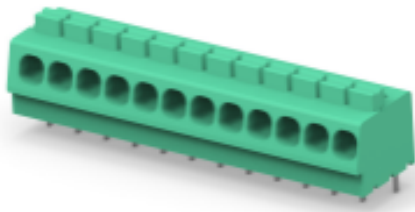
|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC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

|                           |                              |
|---------------------------|------------------------------|
| Solder Process Capability | Wave solder capable to 265°C |
|---------------------------|------------------------------|

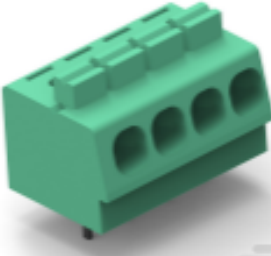
Product Compliance Disclaimer

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 # 1-1986774-2  
SCREWLESS, SW,12P,5.0 PCB, Low Amp

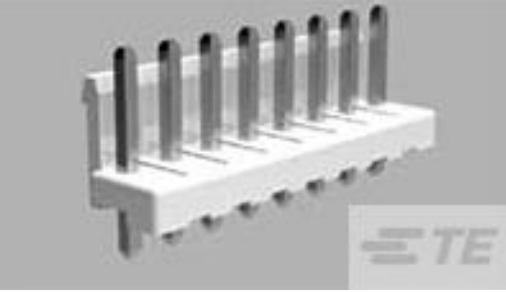


TE Part # 1-1986712-2  
SCREWLESS, SW,12P,5.08 PCB

Customers Also Bought



TE Part #2-2176339-7  
CRGCQ 0603 1K5 1%



TE Part #1-1123723-2  
3.96 EP HDR ASSY 2P(NATURAL)

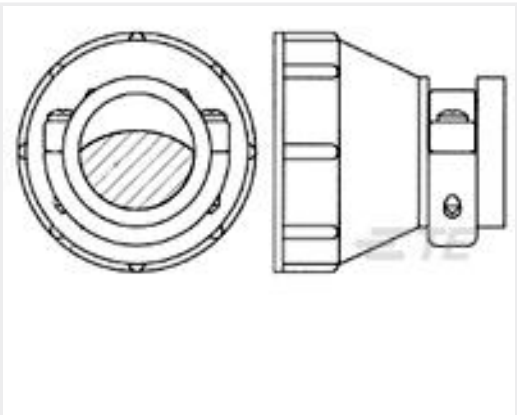


TE Part #1546414-4  
ETHRNT RJ-45 BLKHD PASSTHRU12"



TE Part #L9000083-01  
Antenna Hinged Pnl Mnt 2.4GHz 125 MF1





TE Part #208945-7  
SZ 22 UNASSM KIT,CMC



TE Part #1971795-1  
NEW GI CONN2.5 REC. CONTACT



TE Part #1565917-4  
EMBOSS ASSY DDR2 SODIMM  
SOCKET 200P 5.2H



TE Part #7-1879215-9  
CPF 0402 30K1 0.1% 25PPM 1K RL



TE Part #292304-1  
STD USB TYPE B, R/A, T/H



TE Part #T4162113005-005  
RPC-M12-5MS-5.0SH-M12-5FS-PVC

Documents

Product Drawings  
SCREWLESS, SW,12P,5.0 PCB  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_1-1986711-2\_C.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-1986711-2\_C.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_1-1986711-2\_C.3d\_stp.zip  
English

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

Agency Approvals  
VDE Certificate  
English