



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 12

Terminal Block Connector Type: Header

Connector System: Wire-to-Board

Centerline (Pitch): 3.5 mm [.138 in]

Number of Rows: 1

Features

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 3.4 mm[.134 in]       |

Body Features

|                       |             |
|-----------------------|-------------|
| Primary Product Color | Green       |
| Product Orientation   | Right Angle |

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Method   | Carton |
| Packaging Quantity | 100    |

Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Contact Mating Area Plating Material | Tin             |
| Contact Base Material                | Phosphor Bronze |
| Contact Current Rating (Max)         | 11 A            |

Housing Features

|                  |       |
|------------------|-------|
| Housing Material | PA 66 |
|------------------|-------|



|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 3.5 mm[.138 in] |
|--------------------|-----------------|

Product Type Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows      | 1  |

Electrical Characteristics

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

Mechanical Attachment

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

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 30 – 14 AWG |
|-----------|-------------|

Usage Conditions

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

Operation/Application

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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 |

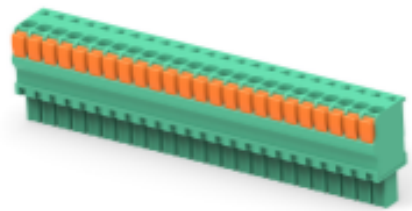
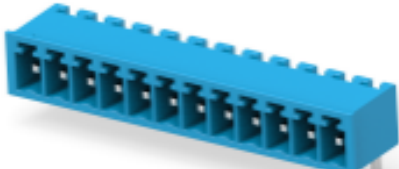
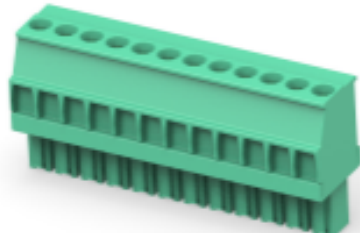
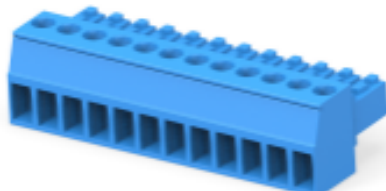
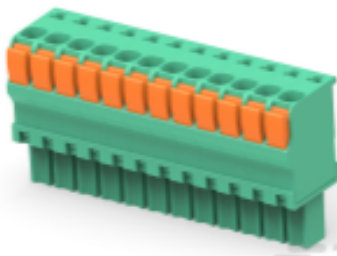
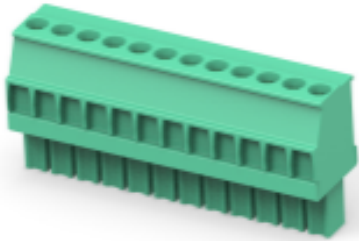
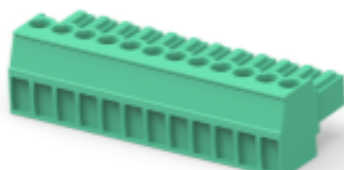


|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| Halogen Content           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Wave solder capable to 265°C                                                        |

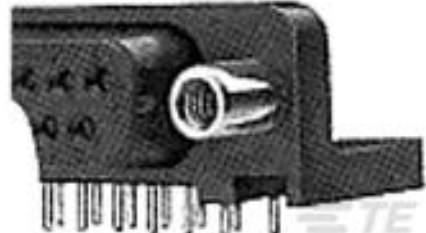
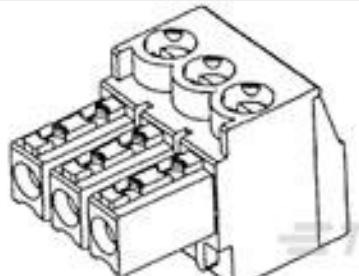
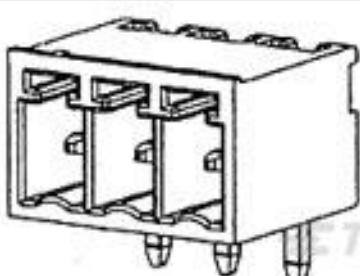
Product Compliance Disclaimer

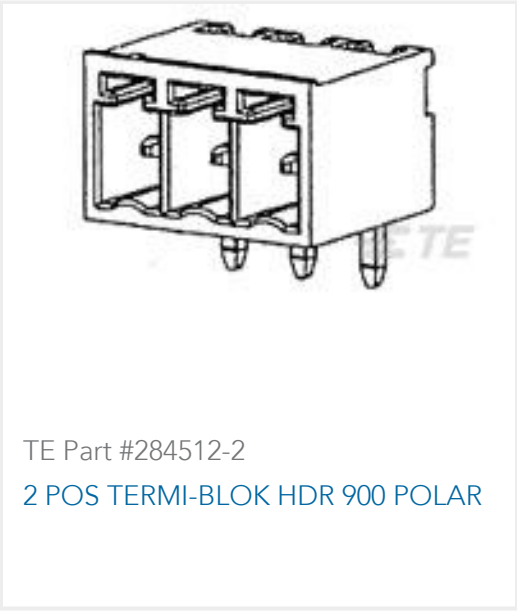
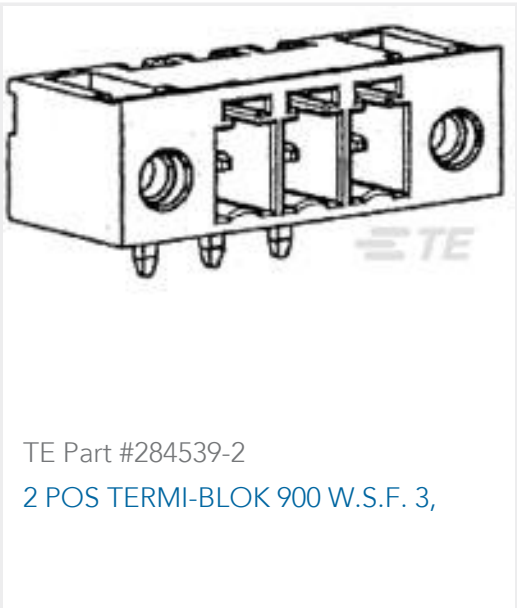
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|                                                                                                                                                      |                                                                                                                                                |                                                                                                                                                  |                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 2-1986693-4<br>STR PLUG SPRING TYPE LH 24P, 3.50 mm | <br>TE Part # 1-796695-2<br>12 POS TERMI-BLOK HDR 900 POLR  | <br>TE Part # 1-1986370-2<br>Str Plug, 3.5mm, Green, RH, 12 | <br>TE Part # 1-796693-2<br>12 POS TERMI-BLOK PLUG STACK |
| <br>TE Part # 1-1986693-2<br>STR PLUG SPRING TYPE LH 12P, 3.50 mm | <br>TE Part # 1-1986371-2<br>Str Plug, 3.5mm, Green, LH, 12 | <br>TE Part # 1-284506-2<br>12 POS TERMI-BLOK PLUG STAC 3,  |                                                                                                                                               |

Customers Also Bought

|                                                                                                                                            |                                                                                                                                            |                                                                                                                                                         |                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part #5788797-1<br>09 HTMSFL ASSY RA 318 (SL,BL) | <br>TE Part #284506-4<br>4 POS TERMI-BLOK PLUG STACK 3, | <br>TE Part #1827625-1<br>SHIELD FINGER 3014 ANTI OVER STRESS TYPE | <br>TE Part #284512-4<br>4 POS TERMI-BLOK HDR 900 POLAR |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_1-284512-2\_E1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-284512-2\_E1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1-284512-2\_E1.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-284512-2\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-284512-2\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-284512-2\_C.3d\_stp.zip

English

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



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Datasheets & Catalog Pages

[Eurostyle Terminal Blocks Focus Product Stock List](#)

English

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_QRG](#)

English

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Product Specifications

[Application Specification](#)

English

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Agency Approvals

[UL](#)

English