

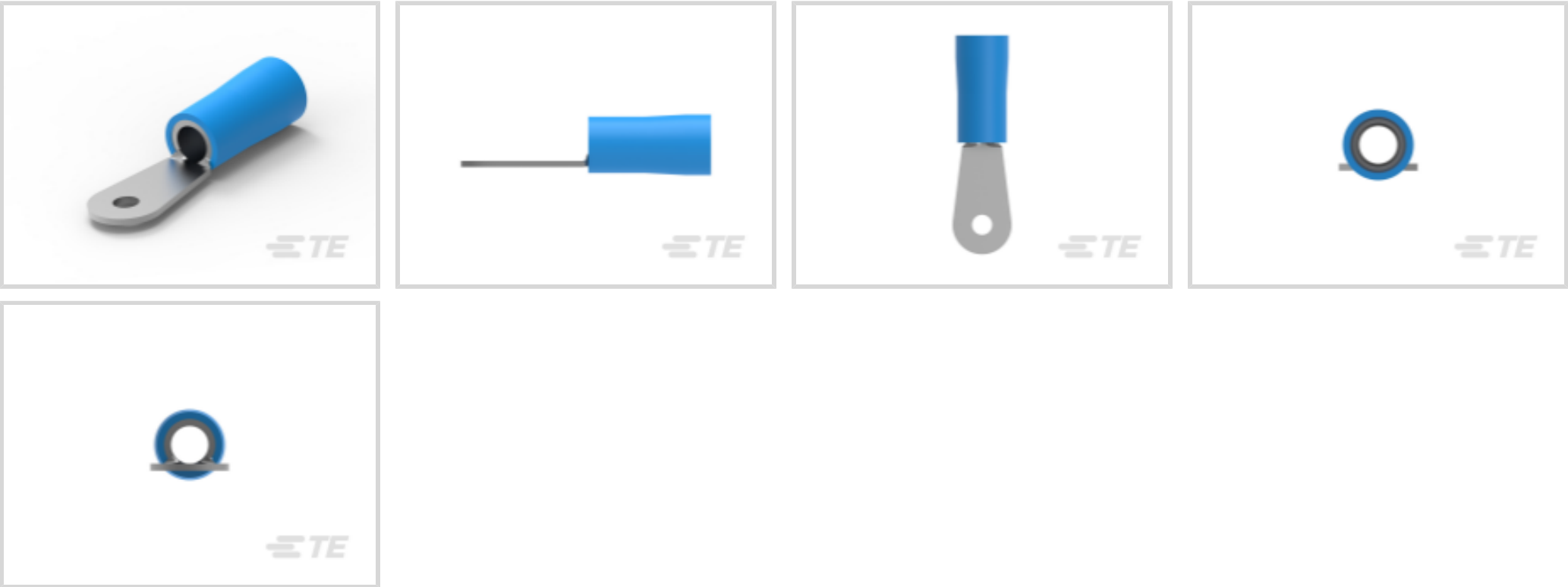


PLASTI-GRIP

TE Internal #: 52042-5  
Closed Ring Tongue Terminal, 6 AWG, #10 Stud Size, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially Insulated, PLASTI-GRIP

[View on TE.com >](#)

Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 20800 - 33100 CMA

Stud Size: #10

Features

Product Type Features

|                            |                             |
|----------------------------|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size                  | #10                         |
| Sealable                   | No                          |

|                                        |                    |
|----------------------------------------|--------------------|
| Wire Insulation Support Retention Type | Insulation Support |
|----------------------------------------|--------------------|

Configuration Features

|                 |   |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

Body Features

|                         |      |
|-------------------------|------|
| Insulation Sleeve Color | Blue |
| Stripe Color            | Blue |

Contact Features

|                           |          |
|---------------------------|----------|
| Barrel Type               | Closed   |
| Terminal Orientation      | Straight |
| Terminal Plating Material | Tin      |

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|



Dimensions

|                                      |                    |
|--------------------------------------|--------------------|
| Wire Size                            | 20800 - 33100 CMA  |
| Stud Diameter                        | 5 mm[.197 in]      |
| Tongue Thickness                     | .79 mm[.031 in]    |
| Product Length                       | 47.47 mm[1.869 in] |
| Compatible Insulation Diameter (Max) | 9.14 mm[.36 in]    |
| Compatible Insulation Diameter Range | 9.14 mm[.36 in]    |

Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

Operation/Application

|                                       |        |
|---------------------------------------|--------|
| Compatible With Wire Base Material    | Copper |
| Compatible With Wire Plating Material | Tin    |

Industry Standards

|                               |    |
|-------------------------------|----|
| Government Qualified Terminal | No |
|-------------------------------|----|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 100         |
| Packaging Method   | Loose Piece |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |
| 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, 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>

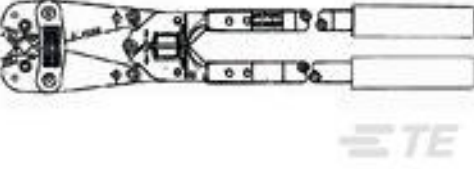
Compatible Parts



TE Part # 52042  
TERMINAL,R PG 6 8



TE Part # 1490535-1  
HYP10 PLASTI-GRIP 6AWG DIE SET

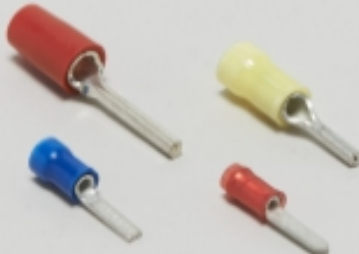


TE Part # 601129-2  
HAND TOOL (A.S.I.)

Also in the Series | PLASTI-GRIP



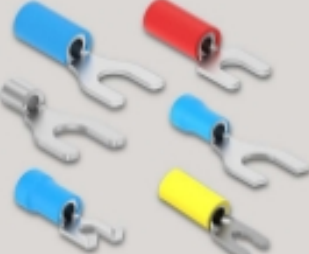
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(22)



Ring Terminals(324)



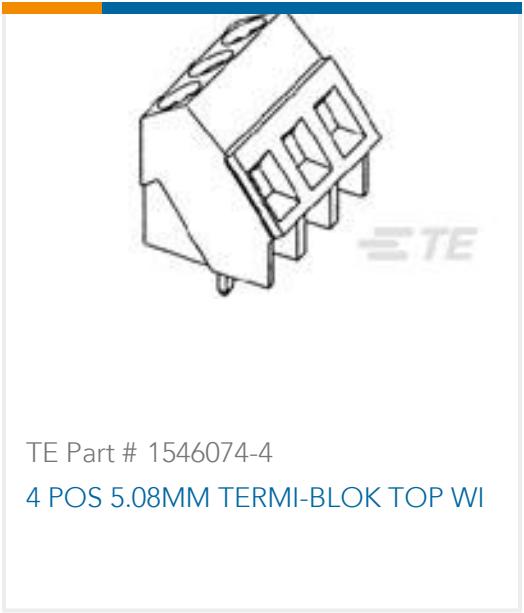
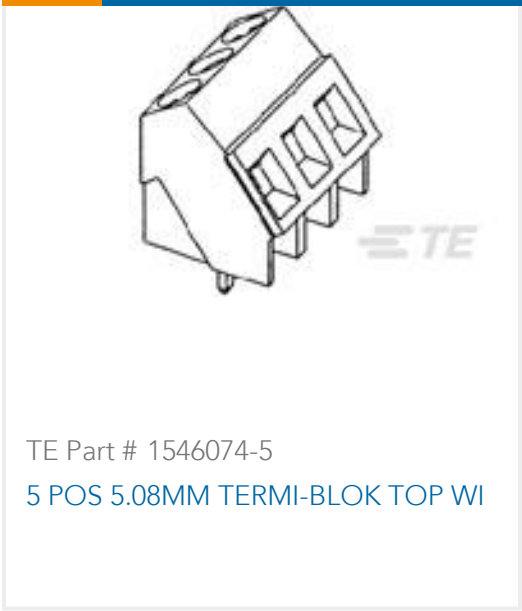
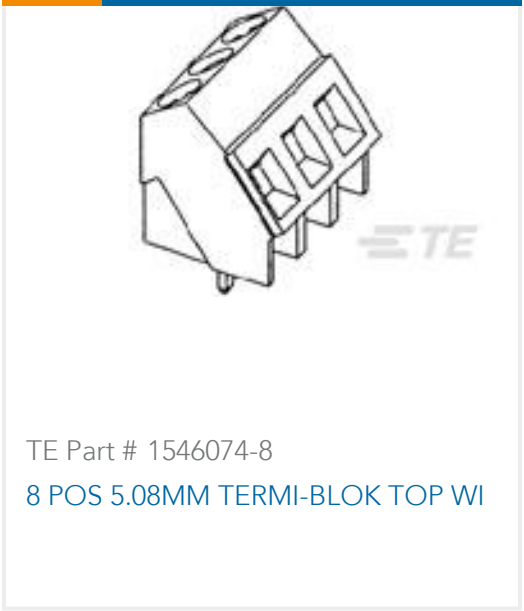
Spade Terminals(178)



Splices(47)

Customers Also Bought



|                                                                                                                                                                                        |                                                                                                                                                       |                                                                                                                                                  |                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 4-641215-2<br/>PCB Header: Polyester, Vertical,<br/>Unshrouded, No Mating Alignment</p> |  <p>TE Part # 1546074-4<br/>4 POS 5.08MM TERMINAL-BLOCK TOP WI</p>  |  <p>TE Part # 3-641208-8<br/>08P MTA156 HDR ASSY FL ST LF</p> |  <p>TE Part # 160075<br/>SOLIS 4 R M10</p>  |
|  <p>TE Part # 1546074-5<br/>5 POS 5.08MM TERMINAL-BLOCK TOP WI</p>                                   |  <p>TE Part # 1546074-8<br/>8 POS 5.08MM TERMINAL-BLOCK TOP WI</p> |  <p>TE Part # 6-534237-0<br/>12 MODII VRT SR CE 100/115</p>  |  <p>TE Part # 1-1393219-7<br/>PE514005</p> |

Documents

Product Drawings

TERMINAL,R PG 6 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_52042-5\_AD.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_52042-5\_AD.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_52042-5\_AD.3d\_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

52042-5

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English

[UL Report](#)

English