54775-1 ✔ ACTIVE

PLASTI-GRIP

TE Internal #: 54775-1

Multiple Stud Size Ring Tongue Terminal, 16 AWG, #10 / #6 / #8 Stud Size, 3.51 mm / 4.17 mm / 4.83 mm [.191 in] Stud Diameter, PLASTI-GRIP

View on TE.com >

Terminals & Splices > Ring Terminals







Ring Terminal Product Type: **Multiple Stud Size Ring Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#6, #8, #10**

Features

Product Type Features

Ring Terminal Product Type	Multiple Stud Size Ring Tongue Terminal
Stud Size	#6, #8, #10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	3.51 mm, 4.83 mm, 4.17 mm[.191 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	24.61 mm[.969 in]
Compatible Insulation Diameter (Max)	3.68 mm[.145 in]
Compatible Insulation Diameter Range	2.67 – 3.68 mm[.105 – .145 in]

Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

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

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1000

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Voltage Rating	600 V

Mechanical Attachment

Wire Insulation Support	With

Industry Standards

Government Qualified Terminal	No

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) Candidate List Declared Against: JUNE 2024 (241) 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 # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 47387-7
DAHT PG PIDG 16-12 ASSY



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 47387
DAHT PG PIDG 20-14 ASSY



TE Part # 525691
DAHT PG PIDG 16-14 ASSY



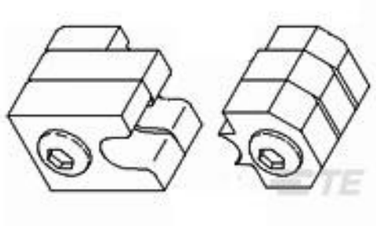
TE Part # 539691-2
ERGO DIE R.B.Y



TE Part # 58423-1
DIE, RBY IS9252



TE Part # 2063030-1
SDE DIESET, RBY, UL



TE Part # 47807-1
DIES PIDG 16-14 DIE SET



TE Part # 54775-2
TERMINAL,PG R 16-14 6-8-10



TE Part # 169400
CERTI-LOK FRAME W/O DIES

TE Part # 2392022-2
BLUE BATTERY DAHT KIT 220V (47387-7)

TE Part # 2392022-1
BLUE BATTERY DAHT KIT 110V (47387-7)

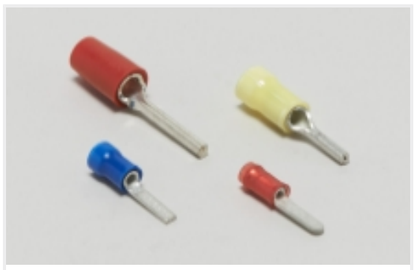


TE Part # 169404
CERTI-LOK DIE

Also in the Series | PLASTI-GRIP



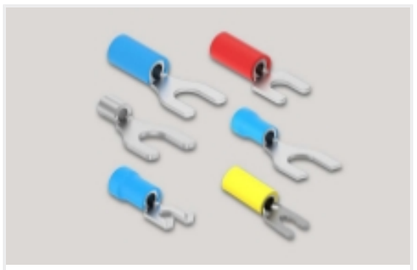
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(18)



Ring Terminals(297)

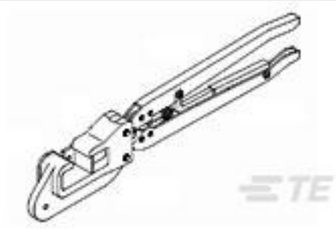


Spade Terminals(157)



Splices(44)

Customers Also Bought



TE Part #69710-1
C-HEAD FRAME W/O DIES



TE Part #34124
TERMINAL,SOLIS R 16-14 1/4



TE Part #1-350590-0
STR/REL CLAMP NATL



TE Part #322870-1
TERMINAL,SOLIS R 2 5/16 90DEG



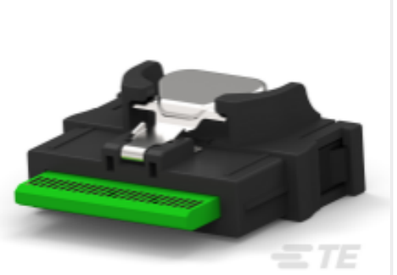
TE Part #53123-1
TERMINAL,SOLIS SPR SPD 16-14 6



TE Part #1-480699-2
02P UMNL CAP HSG RED



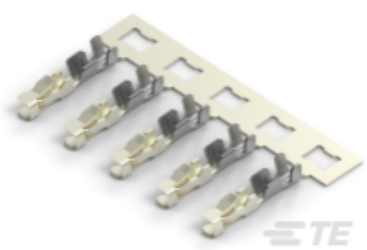
TE Part #350538-1
UMNL PIN 20-14 .0126 PTPBR



TE Part #2317815-1
CABLE PLUG KIT, SLIVER 50P,



TE Part #34125
TERMINAL,SOLIS R 16-14 5/16



TE Part #5-2316113-5
2MM,REC,CNT,CRIMP,24-28AWG,0.76 UM,APPL

Documents

Product Drawings

TERMINAL,PG R 16-14 6-8-10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_54775-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_54775-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_54775-1_D.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

Agency Approvals

UL Report

English