52949-2 ✔ ACTIVE

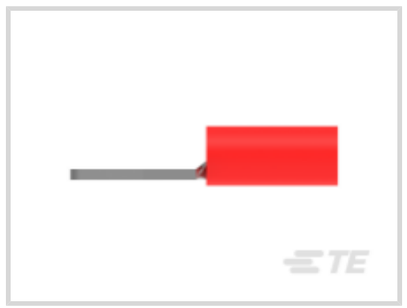
PLASTI-GRIP

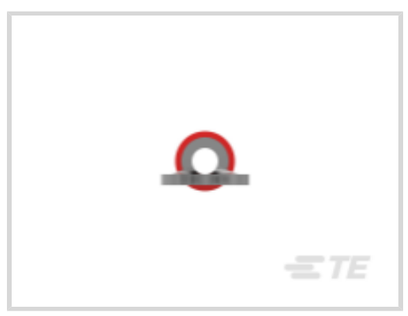
TE Internal #: 52949-2

Spring Spade Terminal, 22 – 16 AWG, M3.5 / #6 Stud Size, 3.56 mm [.14 in] Stud Diameter, Closed Barrel, Straight, Tin, PLASTI-GRIP

View on TE.com >

Terminals & Splices > Spade Terminals

Spade Terminal Type: **Spring Spade Terminal**

Wire Size: **509 – 3260 CMA**

Stud Size: **#6, M3.5**

Features

Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Electrical Characteristics

Voltage Rating	600 V

Body Features

Insulation Sleeve Color	Red
Stripe Color	Red

Contact Features

Spade Terminal Type	Spring Spade Terminal
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.56 mm[.14 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	21.84 mm[.86 in]
Compatible Insulation Diameter (Max)	5.08 mm[.2 in]
Compatible Insulation Diameter Range	3.81 – 5.08 mm[.15 – .2 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	1000
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) Candidate List Declared Against: JAN 2024 (240) 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 # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 47386
DAHT PG PIDG 26-16 ASSY



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



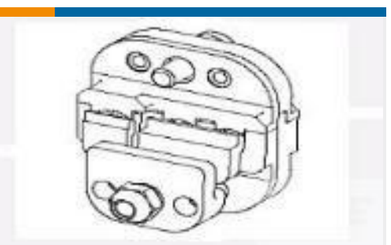
TE Part # 59250
T-HEAD PIDG 26-14 ASSY



TE Part # 58423-1
DIE, RBY IS9252



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



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



TE Part # 47806-2
DIES PIDG 22-16 DIE SET



TE Part # 59300
T-HEAD PIDG PG 26-16 ASSY



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



TE Part # 169404
CERTI-LOK DIE



TE Part # 1SET191001R0000
CRIMP-HT



TE Part # 1SET191002R0000
TET CRIMP-HT

Also in the Series | PLASTI-GRIP



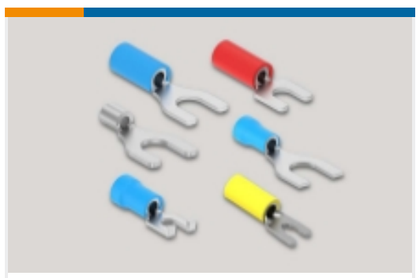
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(22)



Ring Terminals(324)

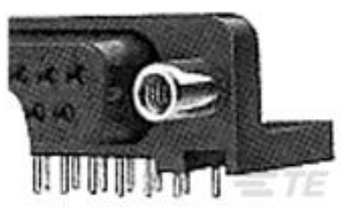


Spade Terminals(178)



Splices(47)

Customers Also Bought



TE Part #5788797-1
09 HTMSFL ASSY RA 318 (SL,BL)



TE Part #1761606-6
IDC LOW PRO HDR 16P VERT LG LAT BLK



TE Part #52949
PG SPR SPD 22-16COMM 22-18MIL6



TE Part #1-770186-0
12P MINI-UMNL ASSY V0 SNNI*



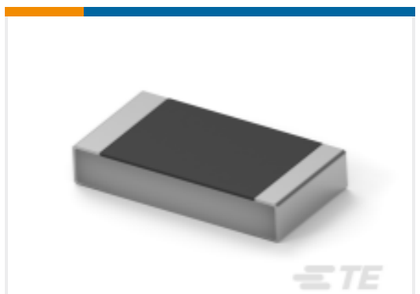
TE Part #103309-2
014 LOPRO HDR SP 30DP



TE Part #GA30K5A1B
DISCRETE 30K OHMS,+/-0.2C FROM 0C TO 70C



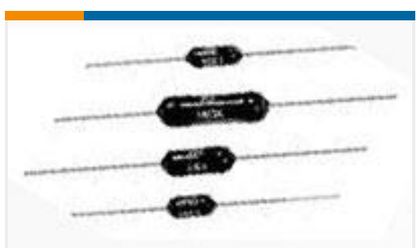
TE Part #696422-3
PIDG PVF2 R 22-16COM22-18MIL 6



TE Part #5-2176458-9
CPF 1206 4R02 0.1% 25ppm 1K RL



TE Part #EB8965C
WHIP,EF,CT,896-970MHz 933MHz,5, BK,GP,



TE Part #7-1879636-0
H8 274R 0.5% 15PPM

Documents

Product Drawings

PG SPR SPD 22-16COMM 22-18MIL6

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_52949-2_N1.2d_dxf.zip

English

Customer View Model

ENG_CVM_52949-2_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_52949-2_N1.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52949-2_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52949-2_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52949-2_T.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

LARGE EXPANSION PRODUCTS (FOR WIRE INSTULATION WITH 1/16'' AND 5/64'' WA

English

Agency Approvals

UL Report

English

UL Report

English