

52949-2 ✓ ACTIVE

PLASTI-GRIP

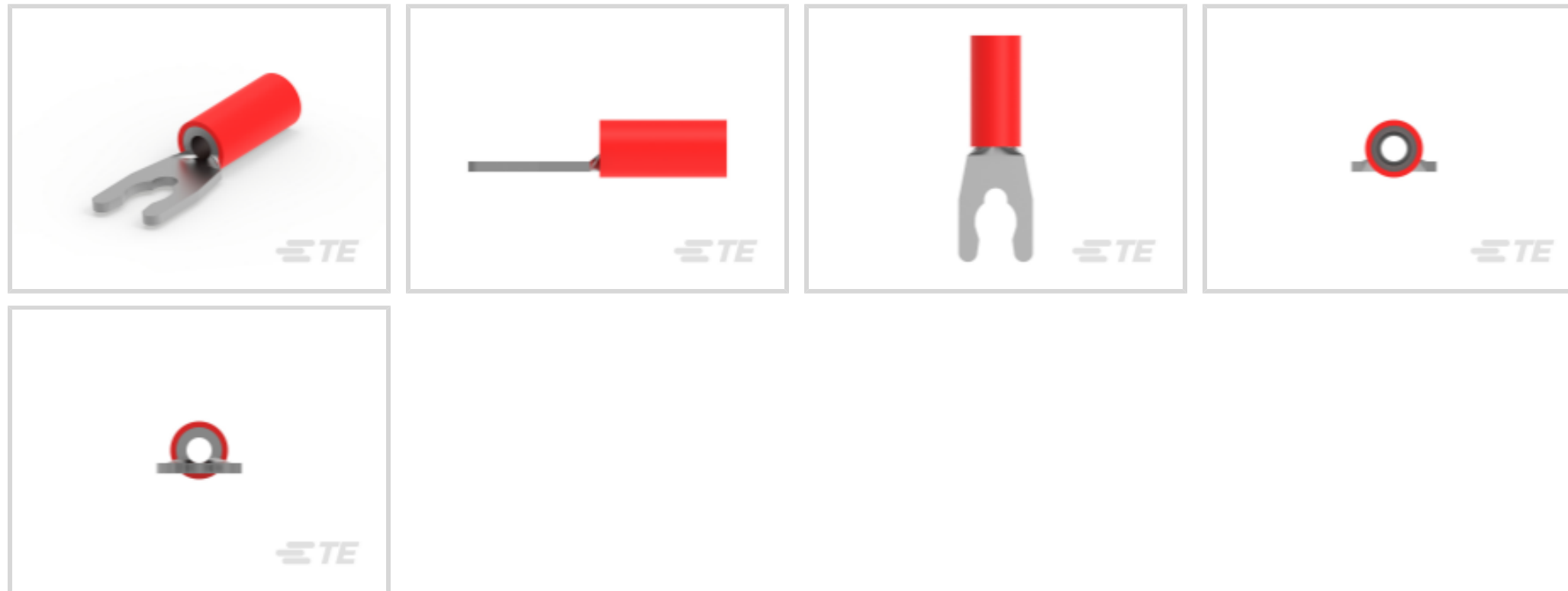
TE Internal #: 52949-2

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

Mechanical Attachment

Wire Insulation Support	With
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Electrical Characteristics

Voltage Rating	600 V
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Industry Standards

Government Qualified Terminal	No
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Body Features

Insulation Sleeve Color	Red
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Stripe Color	Red
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Packaging Features

Packaging Quantity	1000
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Packaging Method	Loose Piece
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Product Type Features

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

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

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
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Operation/Application

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

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) 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 # 59300
T-HEAD PIDG PG 26-16 ASSY



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



TE Part # 169404
CERTI-LOK DIE



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 # 47386
DAHT PG PIDG 26-16 ASSY



TE Part # 58423-1
DIE, RBY IS9252



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



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

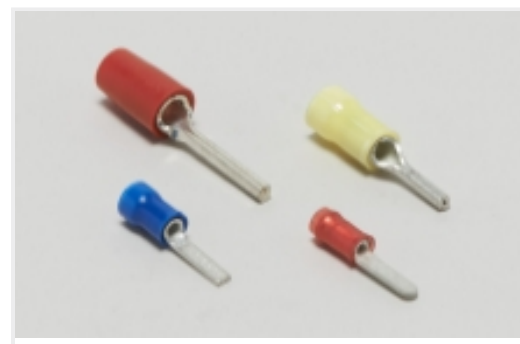


TE Part # 59250
T-HEAD PIDG 26-14 ASSY

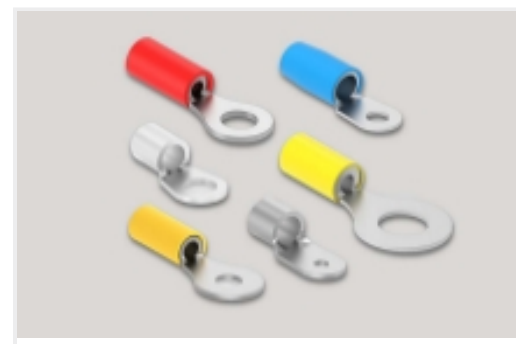
Also in the Series | **PLASTI-GRIP**



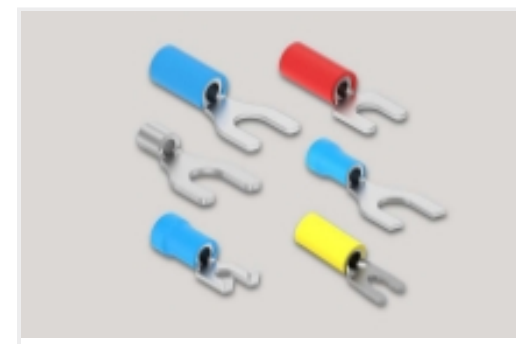
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)

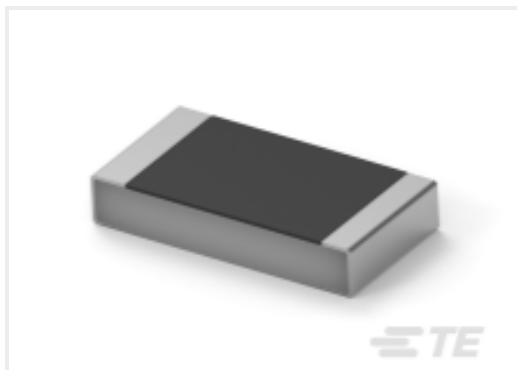


Spade Terminals(159)

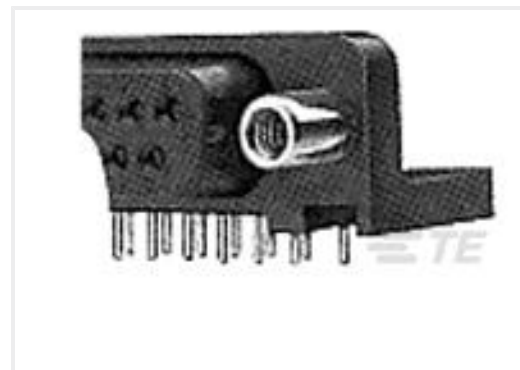


Splices(45)

Customers Also Bought



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



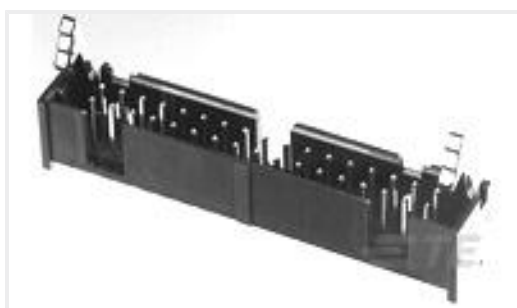
TE Part #5788797-1
09 HTMSFL ASSY RA 318 (SL,BL)



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



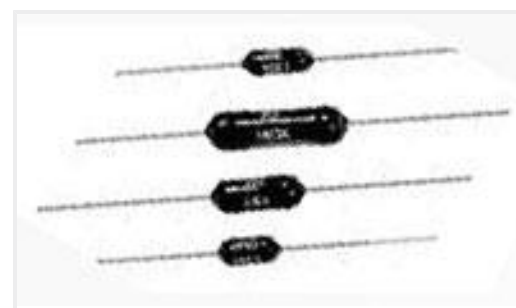
TE Part #8-1437653-0
6PCV-16-006=6PCV ASSEMBLY



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



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



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



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



TE Part #32051
PIDG SPD 22-16COMM 22-18MIL 10



TE Part #554902-1
EMI RCPT ASSY,50 POSN,SHLD

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

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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