165019 ✔ ACTIVE

PLASTI-GRIP | PLASTI-GRIP

TE Internal #: 165019

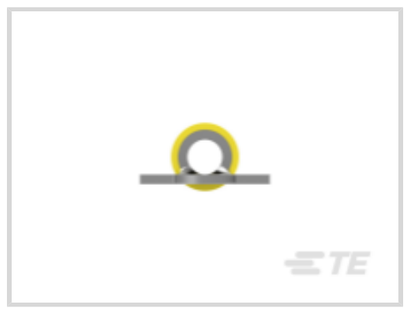
PLASTI-GRIP, Ring Terminals & Spade Terminals, Spade Tongue, 12 – 10AWG Wire Size, 2.62 – 6.64mm² Wire Size, 5180 – 13100CMA Wire Size, M6

View on TE.com >

Terminals & Splices > Ring Terminals & Spade Terminals







Terminal & Splice Type: **Spade Tongue**

Wire Size: **5180 – 13100 CMA**

Ring & Spade Stud Size: **M6**

Features

Product Type Features

Shape Description	SPADE-021
Ring & Spade Stud Size	M6
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Terminal Angle	Straight

Electrical Characteristics

Voltage (Max)	600 V

Body Features

Insulation Sleeve Color	Yellow
Weight per Piece	.395 g
Stripe Color	Yellow

Ring & Spade Plating Material	Copper, Tin

Contact Features

Terminal & Splice Type	Spade Tongue
Ring & Spade Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	6.34 mm[.25 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	33.07 mm[1.302 in]
Ring & Spade Wire Insulation Diameter (Max)	6.4 mm[.252 in]
Ring & Spade Wire Insulation Diameter	3.8 – 6.4 mm[.149 – .252 in]

Usage Conditions

Insulation Requirement	Partially Insulated
Operating Temperature Range	90 °C[194 °F]

Operation/Application

Heavy Duty	No

Industry Standards

Government Qualified	No

Packaging Features

Packaging Quantity	500
Ring & Spade Packaging Method	Box

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 2021 (211) Candidate List Declared Against: JAN 2021 (211)

	Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 58423-1
DIE, RBY IS9252



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



TE Part # 59239-4
HHHT PIDG PG 12-10 ASSY



TE Part # 3-1377173-8
SMP 0-0165019-0



TE Part # 169404
CERTI-LOK DIE



TE Part # 169400
CERTI-LOK

Also in the Series | PLASTI-GRIP



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(11)

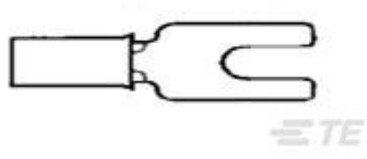


Ring Terminals & Spade Terminals(208)

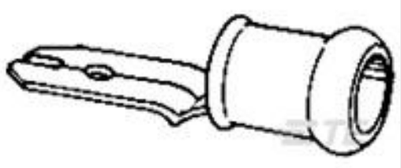


Splices(45)

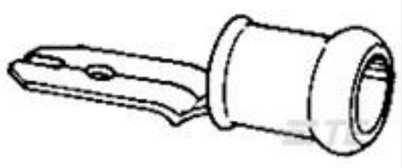
Customers Also Bought



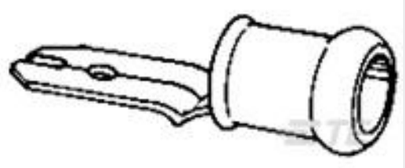
TE Part #130568
PG SPADE



TE Part #140896-2
TERMINAL TAB FASTON PIDG 6,35



TE Part #141085-2
TERMINAL TAB FASTON PIDG 6,35



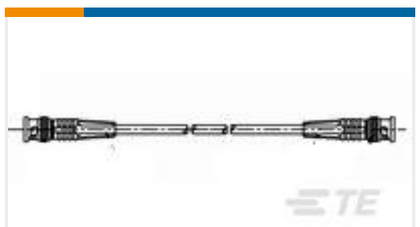
TE Part #140971-2
FASTON PIDG TAB 250 SER



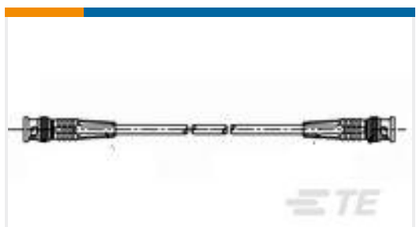
TE Part #130532
PIDG SPADE



TE Part #907279-000
CGPT-R-KIT-2



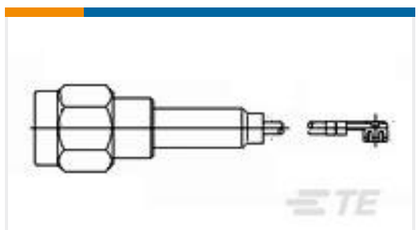
TE Part #1337771-8
50 OHM COAX BNC STR PLUG P99-E



TE Part #1337771-4
50 OHM COAX BNC STR PLUG STR P



TE Part #160300
PLASTI-GRIP 12-10 RING M10



TE Part #1064560-1
9960 4305 01

Documents

Product Drawings

PG SPADE

English

CAD Files

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_165019_B.3d_igs.zip

English

Customer View Model

ENG_CVM_165019_B.3d_stp.zip

English

Customer View Model

ENG_CVM_165019_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165019_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165019_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165019_L.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English