



PIDG

TE Internal #: 130516
PIDG, Ring Terminals & Spade Terminals, Spade Tongue, 22 – 16AWG Wire Size, .26 – 1.65mm² Wire Size, 509 – 3260CMA Wire Size, M4 / #8

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Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Spade Tongue**
Wire Size: **509 – 3260 CMA**
Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	SPADE-020
Ring & Spade Stud Size	#8, M4
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
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Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red
Ring & Spade Plating Material	Tin

Contact Features

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



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.3 mm[.169 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	20.8 mm[.819 in]
Ring & Spade Wire Insulation Diameter (Max)	3.18 mm[.125 in]
Ring & Spade Wire Insulation Diameter	1.98 – 3.18 mm[.078 – .125 in]

Usage Conditions

Insulation Requirement	Partially Insulated
Operating Temperature Range	105 °C[221 °F]

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	1000
Ring & Spade 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 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 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 # 165010
P.G. SPADE

Also in the Series | PIDG



Compression Connectors(17)



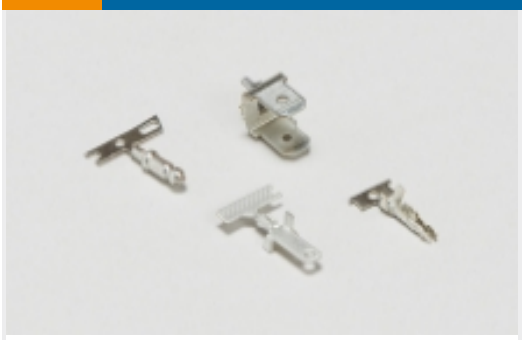
Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



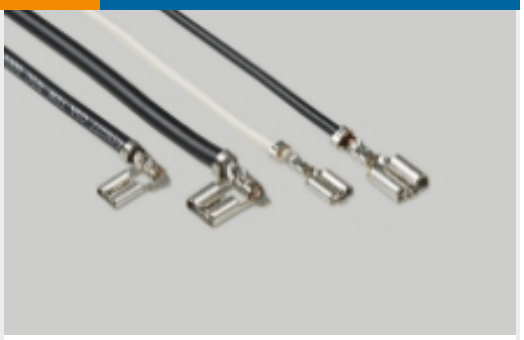
Knife Disconnects(11)



PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(862)

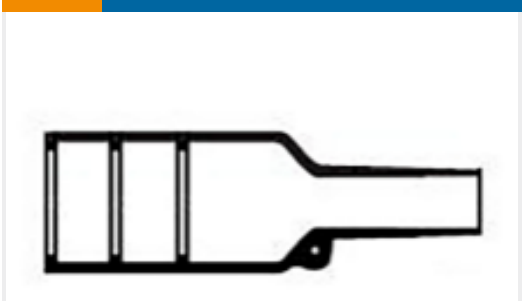


Special Purpose Terminals(1)



Splices(48)

Customers Also Bought



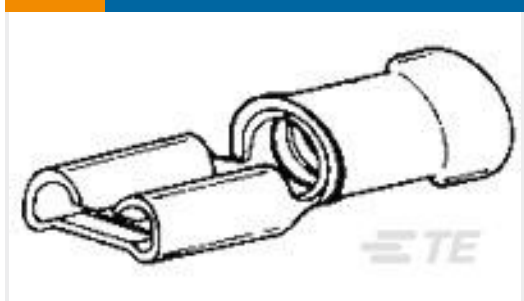
TE Part #812860-000
Bulbous Heat Shrink Boots: Lipped, Straight



TE Part #130521
PIDG SPADE, 22-16 #4



TE Part #130205
PIDG RING



TE Part #140805-2
TERMINAL REC FASTON PIDG 5



TE Part #130008
PIDG RING TONGUE TERMINALS



TE Part #131330
PIDG TABS



TE Part #130114
PIDG RING TONGUE



TE Part #130531
PIDG SPADE

Documents

Product Drawings

PIDG SPADE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_130516_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_130516_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_130516_H.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

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English