



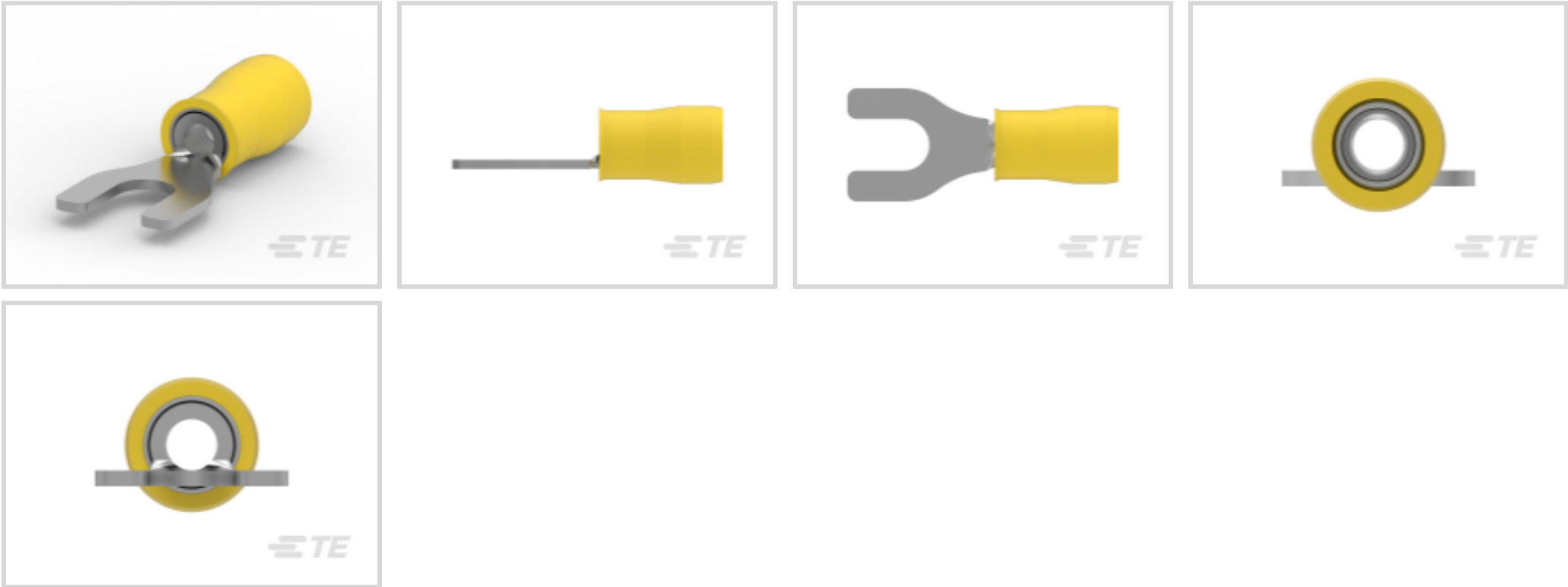
PIDG

TE Internal #: 35152

PIDG, Ring Terminals & Spade Terminals, Spade Tongue, 12 – 10AWG Wire Size, 2.62 – 6.62mm² Wire Size, 5180 – 13100CMA Wire Size, M4 / #8

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG SPADE TONGUE TERMINALS



Terminal & Splice Type: **Spade Tongue**

Wire Size: **5180 – 13100 CMA**

Ring & Spade Stud Size: **#8, M4**

[All PIDG SPADE TONGUE TERMINALS \(64\)](#)

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
Weight per Piece	2.535 g

Ring & Spade Plating Material	Copper, Tin
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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	5180 – 13100 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	1.07 mm[.042 in]
Ring & Spade Overall Length	27.81 mm[1.1 in]
Ring & Spade Wire Insulation Diameter (Max)	6.35 mm[.25 in]
Ring & Spade Wire Insulation Diameter	3.81 – 6.35 mm[.15 – .25 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	500
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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

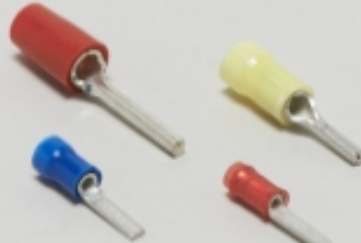
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

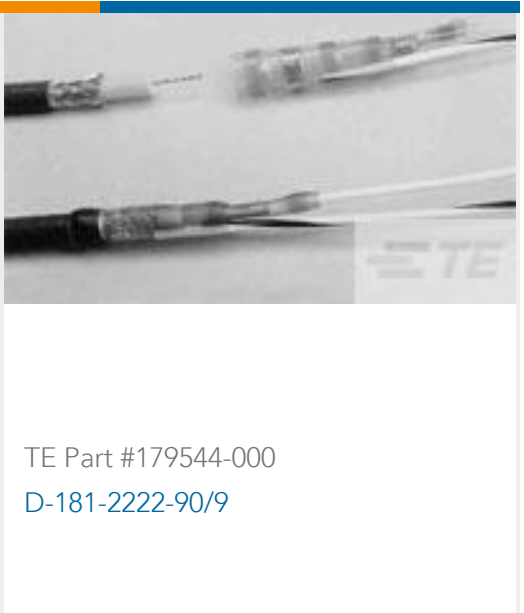
 TE Part # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 58423-1 DIE, RBY IS9252	 TE Part # 4-1393247-1 W31-X2M1G-40=W23/W31	 TE Part # 3-1393247-3 W31-X2M1G-15=W23/W31
 TE Part # 7-1393246-0 W23-X1A1G-3=W23/W31	 TE Part # 8-1393132-6 P40P47D14P1-24=CONTACTORS	 TE Part # 3-1393132-6 P30P42D12P1-24=CONTACTORS	 TE Part # 6-1393246-4 W23-X1A1G-1=W23/W31
 TE Part # 6-1393246-5 W23-X1A1G-10=W23/W31	 TE Part # 6-1393246-6 W23-X1A1G-15=W23/W31	 TE Part # 6-1393246-7 W23-X1A1G-2=W23/W31	 TE Part # 6-1393246-8 W23-X1A1G-20=W23/W31

 TE Part # 6-1393246-9 W23-X1A1G-25=W23/W31-	 TE Part # 7-1393246-1 W23-X1A1G-30=W23/W31	 TE Part # 7-1393246-2 W23-X1A1G-35=W23/W31	 TE Part # 7-1393246-4 W23-X1A1G-40=W23/W31
 TE Part # 7-1393246-6 W23-X1A1G-50=W23/W31	 TE Part # 3-1393247-1 W31-X2M1G-1=W23/W31	 TE Part # 3-1393247-2 W31-X2M1G-10=W23/W31	 TE Part # 3-1393247-4 W31-X2M1G-2=W23/W31

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 #1-2176057-1 Thick Film Resistor: Current Sense	 TE Part #205561-2 RECEPT ASSY,37 POSN,AMPLIMITE	 TE Part #1734577-2 MOD-JK,8P8C,SHD W/LED, G/Y,15U"	 TE Part #2-1393254-4 W91-X112-2=M6/M7/M9/W6/W7
 TE Part #1393766-7 R10-E1X2-V28=R10	 TE Part #YDTS26F09-35PNV001 Straight Plug: D38999, 09-35 Insert, Electroless Nickel Plating	 TE Part #179544-000 D-181-2222-90/9	 TE Part #1218125-5 50 POS,ASSY,PLUG,LOW PROF,109
 TE Part #1617754-2 FCA-410-1521M=M83536/15-021M	 TE Part #1218436-2 R/A RCP ASSY 15 POS SER 109		

Documents

Product Drawings
TERMINAL,PIDG SPD 12-10 8
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_35152_K.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_35152_K.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_35152_K.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

PIDG TERMINALS & SPLICES Quick Reference Guide

English

PIDG Terminals and Splices Quick Reference Guide

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English

UL Report

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