

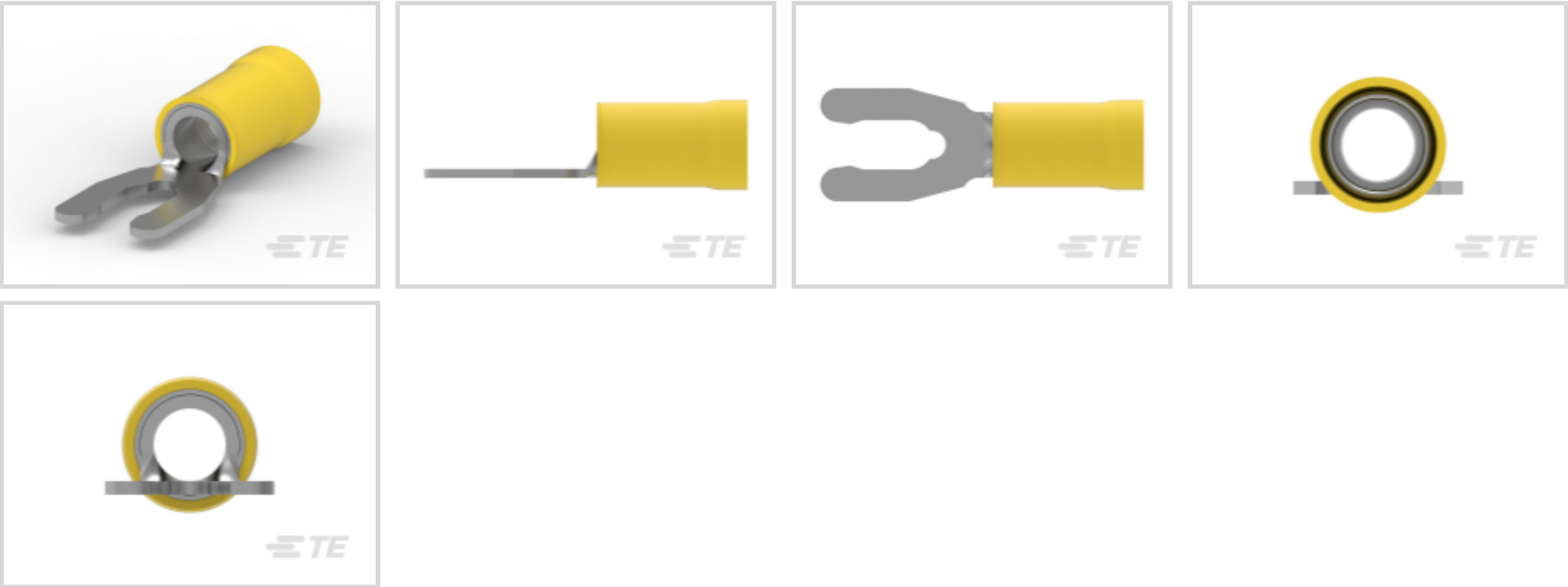


PIDG

TE Internal #: 52432-1
PIDG, Ring Terminals & Spade Terminals, Spring Spade, 12 – 10AWG Wire Size, 3 – 6mm² Wire Size, 5180 – 13100CMA Wire Size, #10

[View on TE.com >](#)

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



Terminal & Splice Type: **Spring Spade**
Wire Size: **5180 – 13100 CMA**
Ring & Spade Stud Size: **#10**

All PIDG Long Spring Spade Tongue Terminals (52)

Features

Product Type Features

Shape Description	SPADE-031
Ring & Spade Stud Size	#10
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	Yellow



Stripe Color	Yellow
Ring & Spade Plating Material	Phosphor Bronze, Tin

Contact Features

Terminal & Splice Type	Spring Spade
Ring & Spade Terminal Orientation	Offset

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	30.96 mm[1.219 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: JUN 2020
(209)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 679300-1 1210 PIDG CRIMP HEAD	 TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY
 TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY	 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 2063030-1 SDE DIESET, RBY, UL	 TE Part # 2063361-1 DIE ASM, 12-10 PIDG, BATT TL



TE Part # 2217330-2
KIT, BTLI, 4 TON, EU

TE Part # 47808-6
DIES PIDG 12-10 DIE SET

TE Part # 169404
CERTI-LOK DIE

TE Part # 169400
CERTI-LOK

TE Part # 1-59239-4
HHHT PIDG 16-10 HEAD

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 #1-106505-2
D-Sub Receptacle Assembly: Right Angle, Shell Size 1, 2.74mm

TE Part #1-1971905-4
Glow Wire GRACE INERTIA Plug

TE Part #102241-1
03 MODIV HSG COMP SR .100 POL

TE Part #2-1393225-3
RY612005

TE Part #166679-1
MOD-4 PIN CONTACT

TE Part #1367147-1
SFP COVER, UNPLATED

TE Part #CU0954-000
82A0121-12-6/9

TE Part #172161-1
9 CIR UNIV M-N-L CAP

TE Part #166467-1
96P.IEC-C MALE HSG.

Documents

Product Drawings

TERMINAL,PIDG SPR SPD 12-10 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52432-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52432-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52432-1_H.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

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English