

53423-1 ✓ ACTIVE



PIDG

TE Internal #: 53423-1

Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG

Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud

Size #6 / M3.5, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG Radiation Resistant C Rings/Spades

Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#6, M3.5**

[All PIDG Radiation Resistant C Rings/Spades \(41\)](#)

Features

Product Type Features

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

Configuration Features

Number of Holes	1
-----------------	---

Body Features

Insulation Sleeve Color	Natural
Stripe Color	Yellow

Contact Features

Military Part Class	Class I
Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Tin-Lead

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	3.68 mm[.145 in]



Tongue Thickness	1.07 mm[.042 in]
Product Length	27.5 mm[1.083 in]
Compatible Insulation Diameter (Max)	5.84 mm[.23 in]
Compatible Insulation Diameter Range	3.81 – 5.84 mm[.15 – .23 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	150 °C[302 °F]

Operation/Application

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

Industry Standards

Government Qualified Terminal	Yes
-------------------------------	-----

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Other

Terminals & Splices Comment	Brazed Body
-----------------------------	-------------

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (13% in Component plating) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
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 # 59239-4 HHHT PIDG PG 12-10 ASSY	TE Part # 58423-1 DIE, RBY IS9252	TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY
TE Part # 539691-2 ERGO DIE R.B.Y	TE Part # 132246-3 TERMINAL RING TONGUE PIDG 22 18	TE Part # 2063030-1 SDE DIESET, RBY, UL	TE Part # 47808-6 DIES PIDG 12-10 DIE SET
TE Part # 679300-1 1210 PIDG CRIMP HEAD	TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 1-59239-4 HHHT PIDG 16-10 HEAD	TE Part # 1SET191001R0000 CRIMP-HT
TE Part # 1SET191002R0000 TET CRIMP-HT	TE Part # 169404 CERTI-LOK DIE		



Also in the Series | PIDG

Compression Connectors(17)

Crimp Terminal Housings(1)

Crimp Wire Pins, Tabs & Ferrules(40)

Hand Crimping Tools(2)

Knife Disconnects(11)

PCB Terminals(9)

Quick Disconnects(49)

Ring Terminals & Spade Terminals(861)

Special Purpose Terminals(1)

Splices(47)

Customers Also Bought

TE Part #CV7360-000
202K121-25L-0

TE Part #3-1393143-8
27E396=SOCKETS

TE Part #53415-1
PIDG Radiation Resistant C Rings
/Spades

TE Part #CJ8361-000
S200-3-W2-22-9

TE Part #1-2071556-0
OJS-SH-124HEF,00000

TE Part #823489-000
101A062-3/86-0

TE Part #2404500-1
CALIBRATION-LABEL-BK-247



Documents

Product Drawings

[TERMINAL,PIDG PVF2 R 12-10 6](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_53423-1_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53423-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_53423-1_K.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES](#)

English

Product Specifications

[Application Specification](#)

English