



Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spade Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **M6**

Features

Product Type Features

Shape Description	SPADE-021
Stud Size	M6
Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Wire/Cable Type	Regular Wire

Configuration Features

Terminal Angle	Straight
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Electrical Characteristics

Voltage (Max)	600 V
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Body Features

Insulation Sleeve Color	Yellow
Weight per Piece	.395 g
Plating Material	Copper, Tin

Contact Features

Terminal & Splice Type	Spade Tongue
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

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Wire Size	5180 – 13100 CMA
Stud Diameter	6.34 mm[.25 in]
Tongue Thickness	1 mm[.0393 in]
Overall Length	33.071 mm[1.302 in]
Wire Insulation Diameter	3.8 – 6.4 mm[.149 – .252 in]

Usage Conditions

Operating Temperature Range	90 °C[194 °F]
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Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	500
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 2019 (197) Candidate List Declared Against: JAN 2018 (181)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished

PG SPADE

TE Part # 165019
TE Internal #: 165019



product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 59824-1 TETRA-CRIMP HT ASSY	TE Part # 58423-1 DIE, RBY IS9252	TE Part # 58433-3 PRO CR ASSY, RBY IS9252	TE Part # 59239-4 HHHT PIDG 12-10

Also in the Series | PLASTI-GRIP

Crimp Wire Pins, Tabs & Ferrules(11)	Rings & Spades(208)	Splices(45)

Customers Also Bought

TE Part #34176 TERMINAL,PG SPD 12-10 10	TE Part #130568 PG SPADE	TE Part #34134 SPLICE,PG PARA 16-14	TE Part #131445 PG, WIRE TAB, 12-10
TE Part #34072 SPLICE,PG BUTT 12-10	TE Part #34156 PG SPD 22-16 COMM 22-18 MIL 10	TE Part #165085 PG WIRE PIN 12-10	TE Part #165143 PG WIRE PIN 22-16

PG SPADE

TE Part # 165019
TE Internal #: 165019



Documents

Product Drawings

PG SPADE

English

PG SPADE

English

CAD Files

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_165019_B.3d_igs.zip

English

3D PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English