



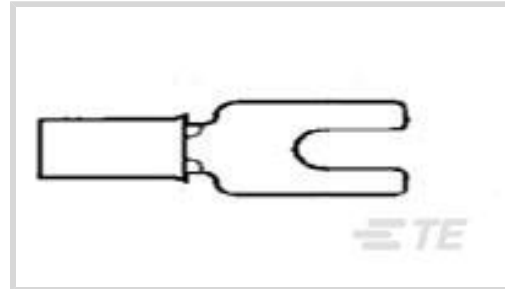
[PLASTI-GRIP](#) | [PLASTI-GRIP](#)

TE Part # 165017

TE Internal #: 165017

[View on TE.com >](#)

Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spade Tongue**

Wire Size: **5180 – 13100 CMA**

Stud Size: **M5**

Features

Product Type Features

Shape Description	SPADE-021
Stud Size	M5
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	2.289 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	5.2 mm[.2047 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: JUL 2017 (174)
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 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 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.

Also in the Series | PLASTI-GRIP



Crimp Wire Pins, Tabs & Ferrules(11)

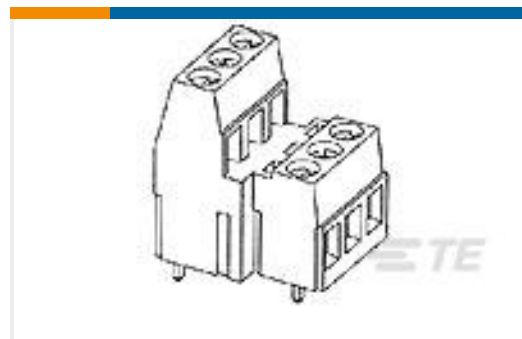


Rings & Spades(208)



Splices(45)

Customers Also Bought



TE Part #282888-7
TERMI-BLOK PCB 9 POS.
5 mm PIT



TE Part #T1329160120-000
H16A-TG-M20



TE Part #T1349160120-000
H16A-TGH-M20



TE Part #1623769-1
23E 2K2A 6X50PL B9 M10



TE Part #7-6437535-0
510AG91D14ESL-
LF=SOCKET ASSY.



TE Part #1622305-4
LR1 1% 11K8



TE Part #5-1393090-8
MT223048



TE Part #7-1437572-2
TPF11CGRA0=SW P/B
NOR-OPEN

Documents

Product Drawings

[PLASTI-GRIP, SPADE 12-10 5MM](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[UL](#)

English

