



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Spring Spade**

Wire Size: **2050 – 5180 CMA**

Ring & Spade Stud Size: **#10**

Features

Product Type Features

Shape Description	SPADE-029
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)	600 V
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Body Features

Inspection Slot	Yes
Insulation Sleeve Color	Blue
Stripe Color	Blue
Ring & Spade Plating Material	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	2050 – 5180 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	.79 mm[.031 in]
Ring & Spade Overall Length	23.39 mm[.92 in]
Ring & Spade Wire Insulation Diameter (Max)	4.9 mm[.193 in]
Ring & Spade Wire Insulation Diameter	3 – 4.9 mm[.118 – .193 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	1000
Ring & Spade Packaging Method	Tape Mounted

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 2019 (197) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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.

Compatible Parts

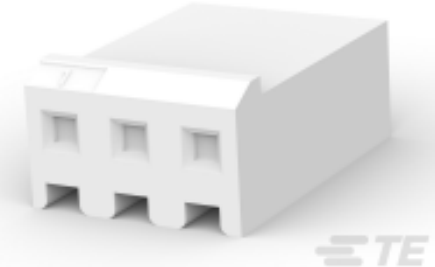


TE Part # 52957
TERMINAL,PG SPR SPD 16-14 10



TE Part # 1SET133008R0000
SDS025-050-V

Customers Also Bought



TE Part #1-770849-4
3.96mm Wire-to-board housing: receptacle, with mating alignment, SL 156



TE Part #2-34806-2
PIDG RING TONGUE TERMINALS



TE Part #1971778-4
POWER TRIPLE LOCK TPA LOCKING PLATE



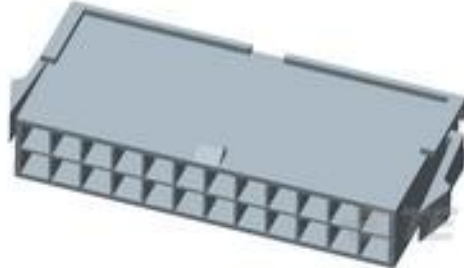
TE Part #1-179466-5
AMP POWER DBL LOCK CAP HSG 6P Black



TE Part #1-770996-2
12P SL 156 HSG W/TABS W/O LR



TE Part #EG8142-000
Single Wall RNF-100 Spool HS Tubing



TE Part #1-1969605-8
18P PM PLUG VAL-U-LOK PM GW



TE Part #1855682-1
HDM-FA-EA-200OV275OV-LM-CUT



Documents

Product Drawings

TERMINAL,PG SPR SPD 16-14 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_52957-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_52957-1_N.3d_stp.zip

English

Customer View Model

ENG_CVM_52957-1_N.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_CVM_52957-1_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52957-1_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52957-1_T.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

MD_52957-1_10202015921_dmtec

English



[MD_52957-1_10202015921_dmtec](#)

English

Instruction Sheets

[AMP* PIDG* \(VINYL\) & PLASTI-GRIP* SHORT SPRING SPADE TERMINALS FOR BAR](#)

English

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

English

Agency Approvals

[UL Report](#)

English