



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Spring Spade**

Wire Size: **5180 – 13100 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	No
Insulation Sleeve Color	Yellow
Stripe Color	Yellow
Ring & Spade Plating Material	Brass, Tin

Contact Features

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

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	1.02 mm[.04 in]
Ring & Spade Overall Length	40.49 mm[1.59 in]
Ring & Spade Wire Insulation Diameter (Max)	7.62 mm[.3 in]
Ring & Spade Wire Insulation Diameter	6.35 – 7.62 mm[.25 – .3 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: JAN 2021 (211) Does not contain REACH SVHC
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 # 59287-2
HHHT PIDG PG 12-10 ASSY

Customers Also Bought

TE Part #1-1827864-8
DYNAMIC 1200 REC AND TAB HSG

TE Part #1-316130-5
DYNAMIC 3200 HDR ASSYTE Part #1-320765-0
TERMINAL,SOLIS R 12-10 1IN.TE Part #1-2198617-5
Ni Plated Plastic Backshell, 15 Way, StrTE Part #1-796638-3
13POS 5.08MM CE R/A HDR,TRM BKTE Part #T1220240140-000
H24B-TG-M40TE Part #1-662182-8
ANVIL, COMBINATIONTE Part #1338701-8
ANVIL, COMBINATIONTE Part #160739-4
250 FASTON,PIGGYBACK REC.,18-14 AWG,TPPBTE Part #145128-000
TAT-125-3/8-0-1.5IN



Documents

Product Drawings

TERMINAL,PG SPR SPD 12-10 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_52963-4_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_52963-4_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_52963-4_AC.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

LARGE EXPANSION PRODUCTS (FOR WIRE INSTULATION WITH 1/16" AND 5/64" WA

English

Agency Approvals

UL Report

English

UL Report

English