

342102-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 342102-1

Rings & Spades, Ring Tongue, 22 – 16AWG Wire Size, .3 – 1.3mm²

Wire Size, 509 – 3260CMA Wire Size, #6 / M3.5, Stud Diameter

3.683 mm [.146 in]

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Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

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

Features

Product Type Features

Terminal Features	Sheared
Shape Description	RING-043
Stud Size	#6, M3.5
Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Electrical Characteristics

Voltage (Max)	600 V
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Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Weight per Piece	1.772 g
Stripe Color	Red
Plating Material	Copper, Tin



Contact Features

Terminal & Splice Type	Ring Tongue
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	3.683 mm [.146 in]
Tongue Thickness	.79 mm [.031 in]
Overall Length	17.5 mm [.689 in]
Wire Insulation Diameter (Max)	3.56 mm [.14 in]
Wire Insulation Diameter	2.667 – 3.556 mm [.105 – .14 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	100
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: JUN 2020 (209) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.










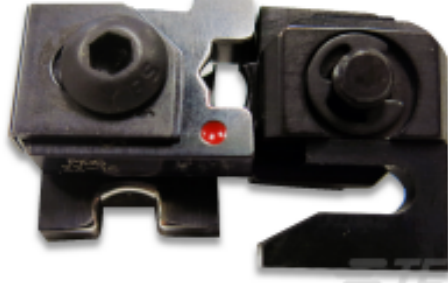

Solder Process Capability

Not applicable for solder process capability

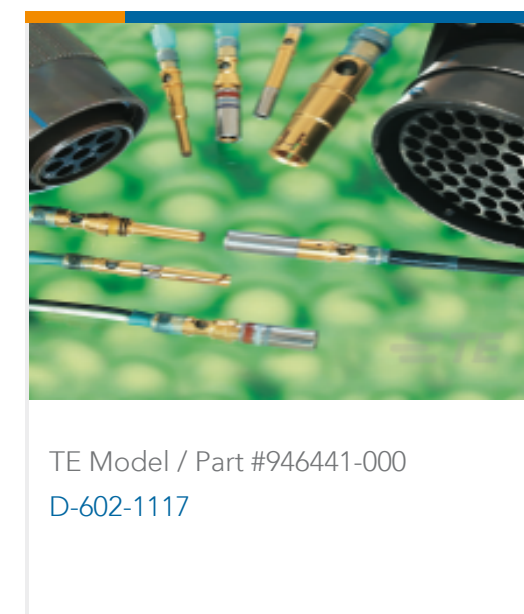
Product Compliance Disclaimer

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

 <p>TE Model / Part # 59170 T-HD HT, SH PIDG 22-14</p>	 <p>TE Model / Part # 47386 DAHT PIDG 22-16 ASSY</p>	 <p>TE Model / Part # 59250 T-HD HT, PIDG 22-14</p>	 <p>TE Model / Part # 58423-1 DIE, RBY IS9252</p>
 <p>TE Model / Part # 58433-3 PRO CR ASSY, RBY IS9252</p>	 <p>TE Model / Part # 59824-1 TETRA-CRIMP HT ASSY</p>	 <p>TE Model / Part # 539691-2 ERGO DIE R.B.Y</p>	 <p>TE Model / Part # 59300 T-HD HT, PIDG 24-16</p>
 <p>TE Model / Part # 2063030-1 SDE DIESET, RBY, UL</p>	 <p>TE Model / Part # 47806-2 DIE PIDG 69365 46110 22-16</p>	 <p>TE Model / Part # 169404 CERTI-LOK DIE</p>	

Customers Also Bought



Documents

Product Drawings

22-16 F.E.P.G. RING TONGUE NO.

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_342102-1_R1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_342102-1_R1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_342102-1_R1.2d_dxf.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