



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**
Wire Size: **6654 – 12066 CMA**
Ring & Spade Stud Size: **5/16, M8**

Features

Product Type Features

Terminal Features	Sheared
Shape Description	RING-042
Ring & Spade Stud Size	5/16, M8
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	Straight

Body Features

Inspection Slot	No
Weight per Piece	3 g
Stripe Color	Yellow
Ring & Spade Plating Material	Copper, Tin

Contact Features

Military Part Class	Class II
Terminal & Splice Type	Ring Tongue
Ring & Spade Terminal Orientation	Straight



Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	6654 – 12066 CMA
Stud Diameter	8.33 mm[.328 in]
Tongue Thickness	.99 mm[.039 in]
Ring & Spade Overall Length	33.7 mm[1.327 in]
Ring & Spade Wire Insulation Diameter (Max)	5.84 mm[.23 in]
Ring & Spade Wire Insulation Diameter	3.81 – 5.84 mm[.15 – .23 in]

Usage Conditions

Insulation Requirement	Partially Insulated
Operating Temperature Range	150 °C[302 °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: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
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.

Compatible Parts

TE Part # 59239-4

HHHT PIDG PG 12-10 ASSY

Also in the Series | PIDG

Compression Connectors(17)	Crimp Terminal Housings(1)	Crimp Wire Pins, Tabs & Ferrules(41)	Knife Disconnects(11)
PCB Terminals(9)	Portable Crimp Tools(2)	Quick Disconnects(53)	Ring Terminals & Spade Terminals(862)



Special Purpose Terminals(1)



Splices(48)

Customers Also Bought



TE Part #6-745288-4
D-Sub Conn Contacts: Socket, CuSn4, Square Posted, Signal, Size 20



TE Part #4-2176405-4
3550 1M0 5%



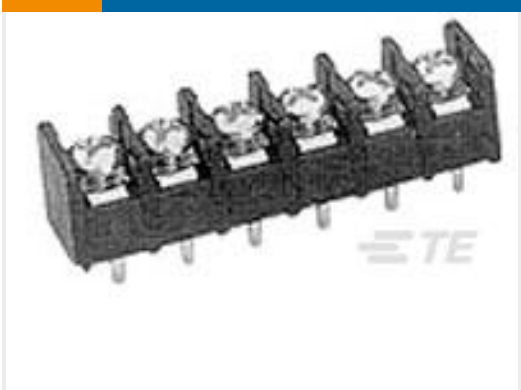
TE Part #YDTS20T13-35PCV001
D38999: Square Flange, 13-35 insert



TE Part #2157108-1
ARINC600R,Sz2,150/60/100,all FR,eni



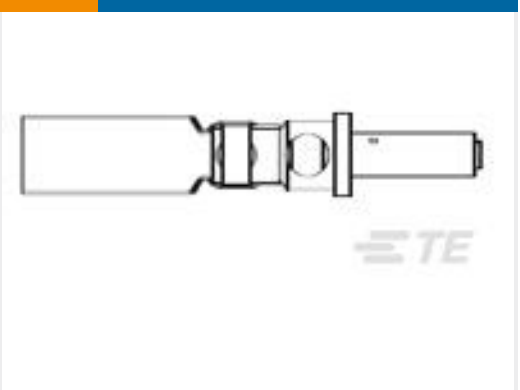
TE Part #2157109-1
ARINC600P,Sz2,150/60/100,EMI



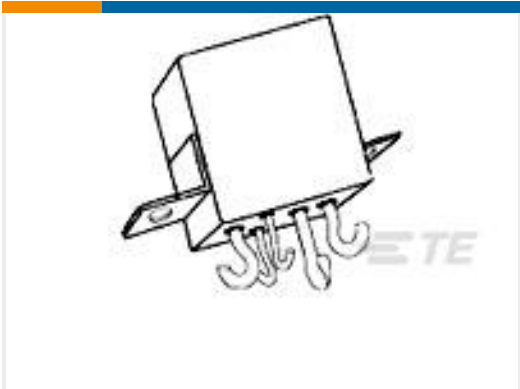
TE Part #1546158-1
4PCV-09-008=#4 TRIBARRIER TERM



TE Part #5-1618400-3
CAP202ASBND=RELAY, DPST-NO



TE Part #601149-000
D-602-76



TE Part #1-1617748-7
FCA-125-11=M6106/19-011



TE Part #587618-000
ST18-3-00CS2856

Documents

Product Drawings

TERMINAL,PIDG PVF2 R 12-10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_696424-8_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_696424-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_696424-8_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[RADIATION_RESISTANT_PRE-INSULATED_TERMINALS_SPLICES](#)

English

Product Specifications

[Application Specification](#)

English