

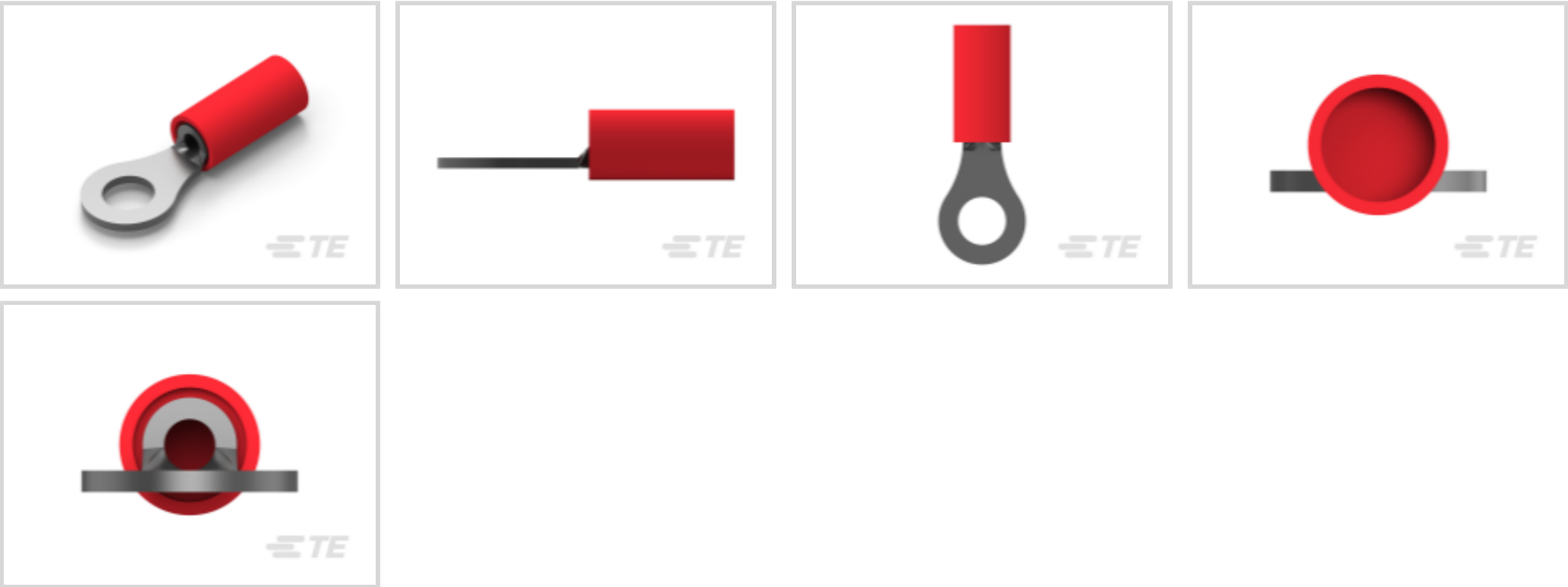


PIDG

TE Internal #: 8-31890-1
Closed Ring Tongue Terminal, 22 AWG, #8 / M4 Stud Size, 4.17 mm
[.164 in] Stud Diameter, Closed Barrel, Straight, Tin, Partially
Insulated, PIDG

[View on TE.com >](#)

Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 509 – 3260 CMA

Stud Size: #8, M4

[All PIDG Ring Tongue Terminals \(411\)](#)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Insulation Sleeve Color	Red
Stripe Color	Red
Product Weight	.839 g

Contact Features

Barrel Type	Closed
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Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 3260 CMA
Stud Diameter	4.17 mm [.164 in]
Tongue Thickness	.84 mm [.033 in]
Product Length	21.44 mm [.844 in]
Compatible Insulation Diameter (Max)	3.56 mm [.14 in]
Compatible Insulation Diameter Range	2.67 – 3.56 mm [.105 – .14 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C [221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

Government Qualified Terminal	No
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Packaging Features

Packaging Quantity	50
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC



Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

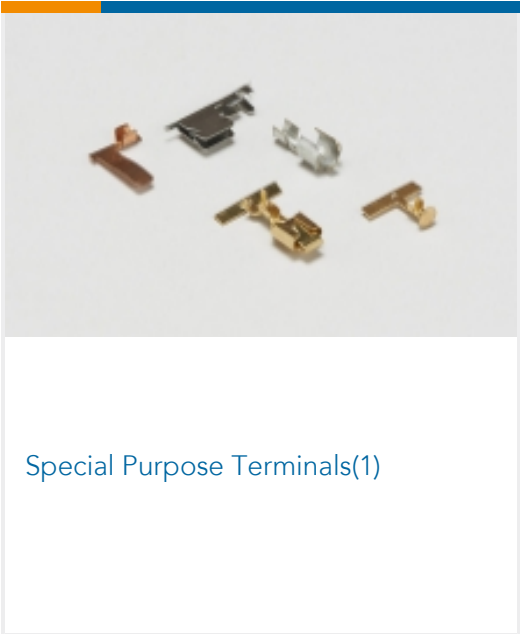
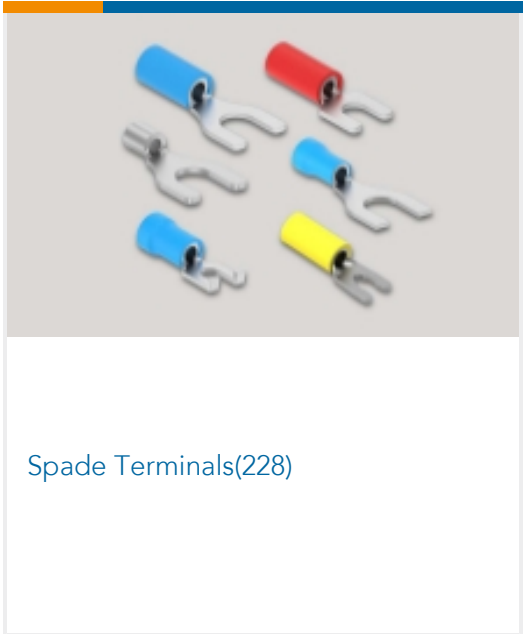
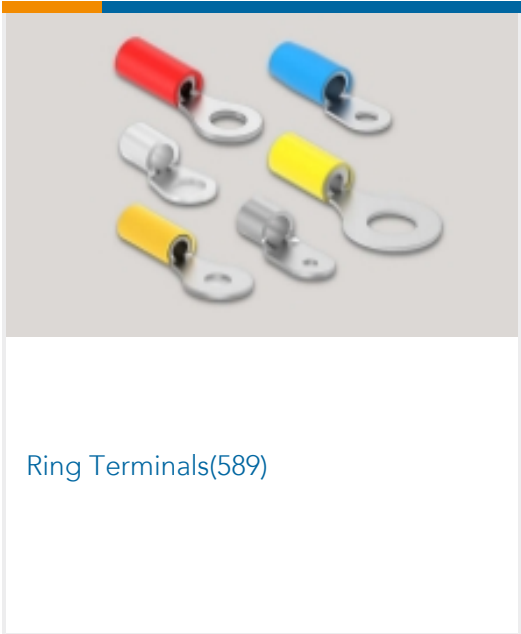
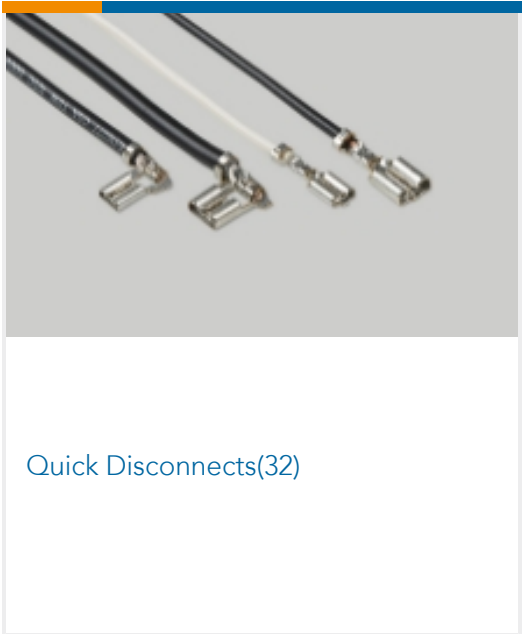
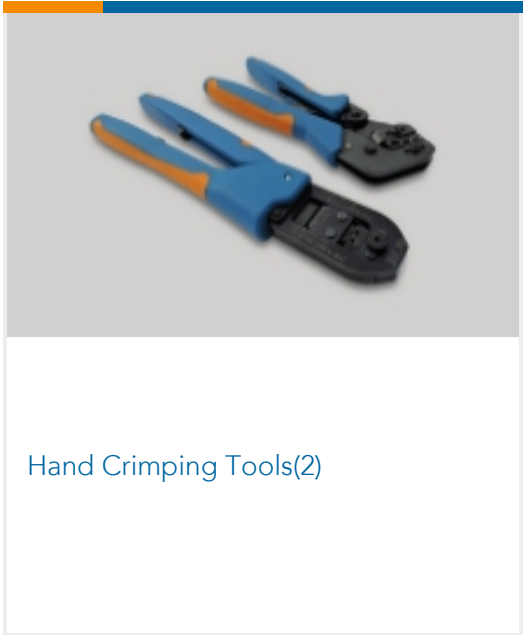
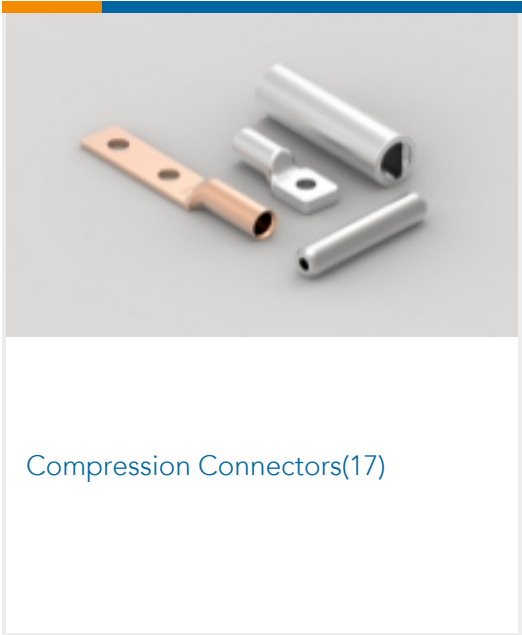
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 58433-3 PRO CR ASSY, RBY IS9252	 TE Part # 59250 T-HEAD PIDG 26-14 ASSY	 TE Part # 58423-1 DIE, RBY IS9252	 TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY
 TE Part # 47386 DAHT PG PIDG 26-16 ASSY	 TE Part # 539691-2 ERGO DIE R.B.Y	 TE Part # 2063030-1 SDE DIESET, RBY, UL	 TE Part # 47806-2 DIES PIDG 22-16 DIE SET
 TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY	 TE Part # 169400 CERTI-LOK FRAME W/O DIES	 TE Part # 169404 CERTI-LOK DIE	 TE Part # 1SET191001R0000 CRIMP-HT

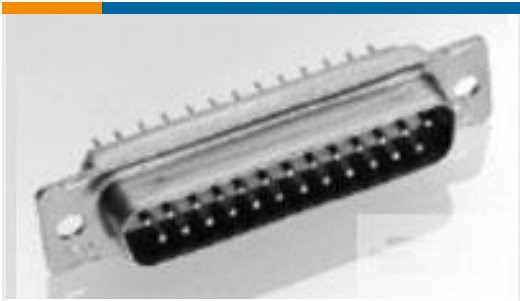


Also in the Series | PIDG



Customers Also Bought





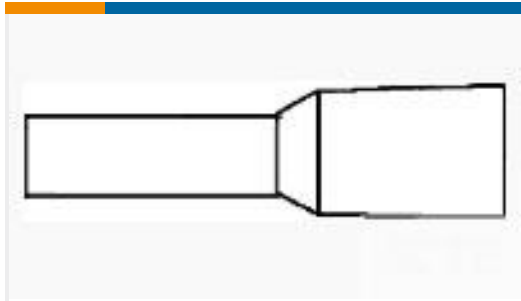
TE Part #204515-2
AMPLIMITE,ASY,PLUG,STD,90,2



TE Part #1532210-2
M83513/01-BC, MCKS-C2-B-15PS



TE Part #32950
PG R 22-16 COMM 22-18 MIL 6



TE Part #966292-2
FER,WIRE,PL SLV,,14/26,L8,BROWN,LP



TE Part #2065126034
HFT5000-20/10-0-115MM

Documents

Product Drawings

PIDG R 22-16 COMM 22-18 MIL 8

English

CAD Files

Customer View Model

ENG_CVM_CVM_8-31890-1_AF.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-31890-1_AF.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-31890-1_AF.3d_stp.zip

English

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Agency Approvals

UL Report

English