

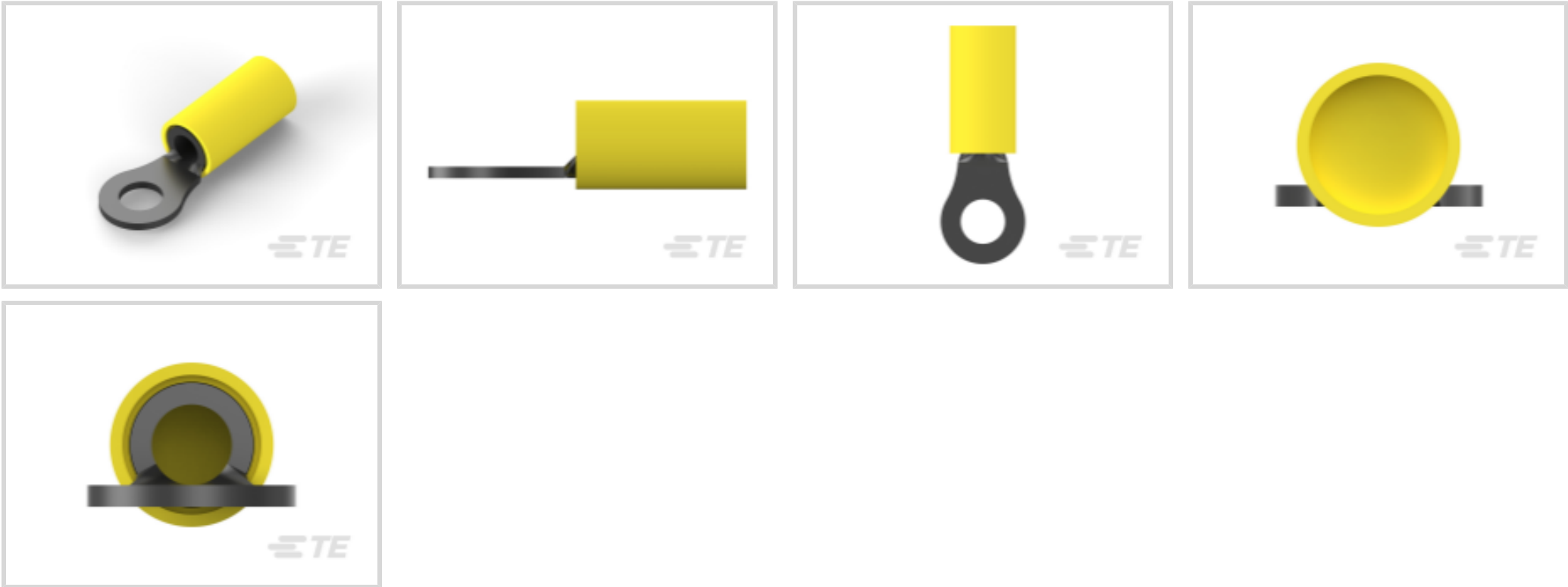


PIDG

TE Internal #: 35109
Closed Ring Tongue Terminal, 12 – 10 AWG, #10 Stud, 5 mm [.197 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, 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: 5180 – 13100 CMA

Stud Size: #10

[All PIDG Ring Tongue Terminals \(410\)](#)

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
-----------------	---

Electrical Characteristics

Voltage Rating	300 V
----------------	-------

Body Features

Product Weight	2.24 g
----------------	--------

Contact Features

Military Part Class	Class I
Barrel Type	Closed

Terminal Orientation	Straight
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.99 mm[.039 in]
Product Length	27.51 mm[1.08 in]
Compatible Insulation Diameter (Max)	6.35 mm[.25 in]
Compatible Insulation Diameter Range	3.81 – 6.35 mm[.15 – .25 in]

Usage Conditions

Insulation Option	Partially Insulated
-------------------	---------------------

Operation/Application

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

Industry Standards

Government Qualified Terminal	Yes
-------------------------------	-----

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

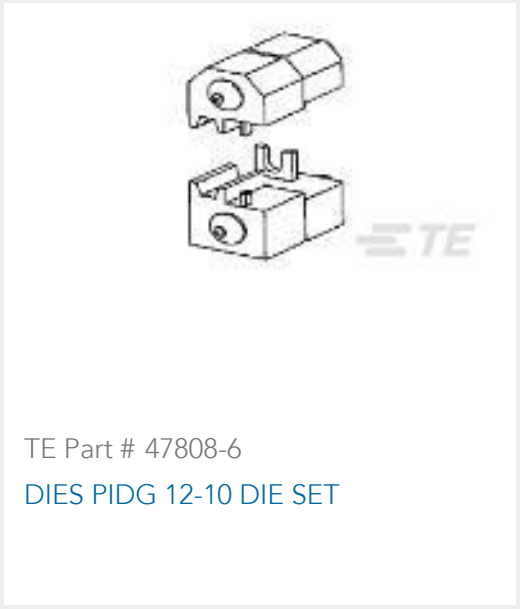
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

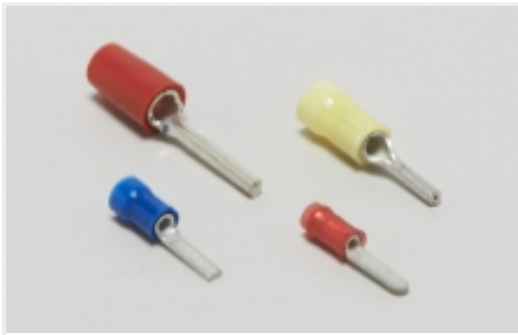
Compatible Parts

			
TE Part # 2844990-2 KIT,BTLI,C HEAD	TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY	TE Part # 59239-4 HHHT PIDG PG 12-10 ASSY	TE Part # 58423-1 DIE, RBY IS9252
			
TE Part # 58433-3 PRO CR ASSY, RBY IS9252	TE Part # 169400 CERTI-LOK FRAME W/O DIES	TE Part # 47808-6 DIES PIDG 12-10 DIE SET	TE Part # 539691-2 ERGO DIE R.B.Y
			
TE Part # 169404 CERTI-LOK DIE	TE Part # 2063030-1 SDE DIESET, RBY, UL	TE Part # 2844990-1 KIT,BTLI,C HEAD	

Also in the Series | PIDG



[Compression Connectors\(17\)](#)



[Crimp Wire Pins, Tabs & Ferrules\(41\)](#)



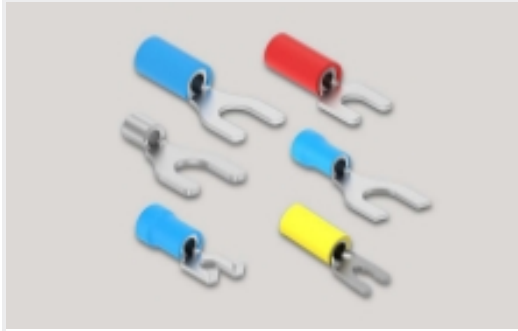
[Hand Crimping Tools\(2\)](#)



[Knife Disconnects\(11\)](#)



[Ring Terminals\(588\)](#)



[Spade Terminals\(228\)](#)

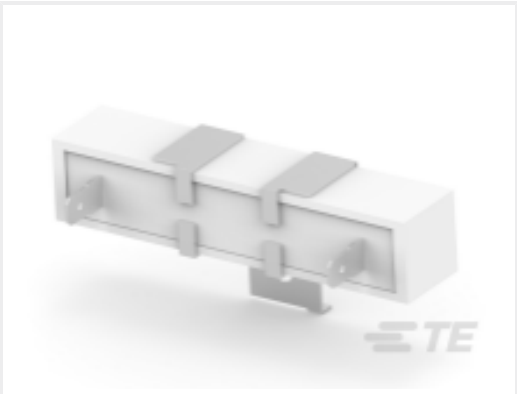


[Special Purpose Terminals\(1\)](#)



[Splices\(41\)](#)

Customers Also Bought



TE Part #2-2176632-9
[SQB60 15R \(WIRE\) 5% FASTON](#)



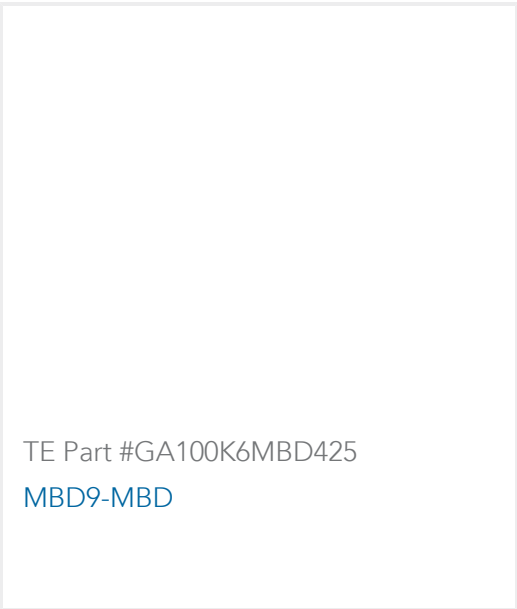
TE Part #2-1879450-0
[TE 500W 39R 5% Bracket](#)



TE Part #CAT-P592-R472A
[PIDG Ring Tongue Terminals](#)



TE Part #5-6609107-9
[PS0SXSS6B=C1118](#)



TE Part #GA100K6MBD425
[MBD9-MBD](#)

Documents

Product Drawings

[TERMINAL,PIDG R 12-10 10](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_35109_V.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_35109_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_35109_V.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[PIDG TERMINALS & SPLICES Quick Reference Guide](#)

English

Instruction Sheets

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

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English