

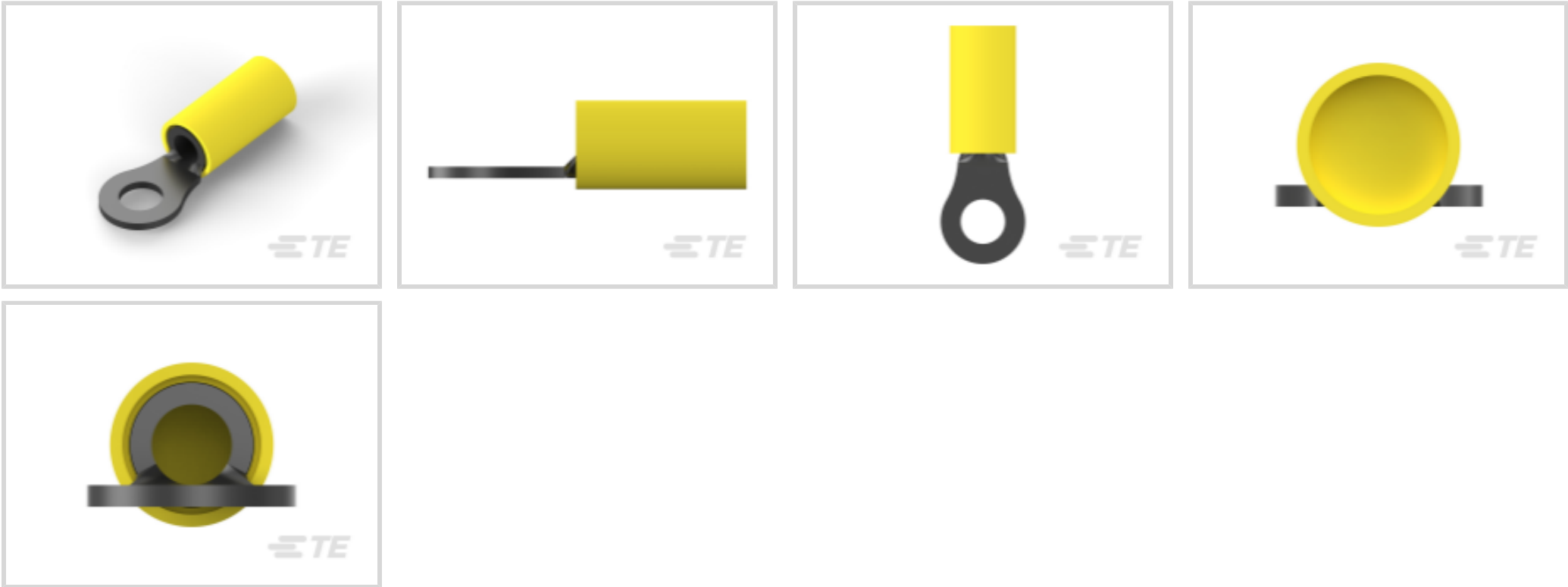


PIDG

TE Internal #: 35109
PIDG, Ring Terminals & Spade Terminals, 12 – 10AWG Wire Size,
2.62 – 6.64mm² Wire Size, 5180 – 13100CMA Wire Size, #10, Stud
Diameter 5 mm [.197 in]

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG RING TONGUE TERMINALS



Wire Size: 5180 – 13100 CMA
Ring & Spade Stud Size: #10
Stud Diameter: 5 mm [.197 in]

[All PIDG RING TONGUE TERMINALS \(422\)](#)

Features

Product Type Features

Shape Description	RING-041
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

Number of Holes	1
Terminal Angle	Straight

Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Inspection Slot	No
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Weight per Piece	2.24 g
Ring & Spade Plating Material	Copper, Tin

Contact Features

Military Part Class	Class I
Ring & Spade Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	5 mm[.197 in]
Tongue Thickness	.99 mm[.039 in]
Ring & Spade Overall Length	27.51 mm[1.08 in]
Ring & Spade Wire Insulation Diameter (Max)	6.35 mm[.25 in]
Ring & Spade Wire Insulation Diameter	3.81 – 6.35 mm[.15 – .25 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	Yes
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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	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>

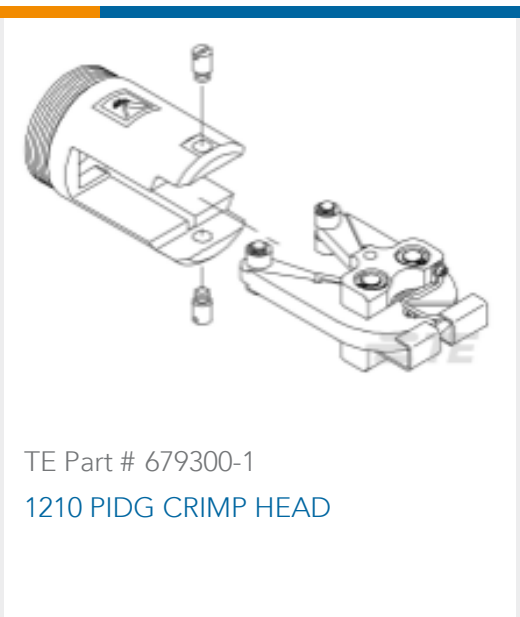
Compatible Parts



TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 58423-1
DIE, RBY IS9252



TE Part # 679300-1
1210 PIDG CRIMP HEAD



TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



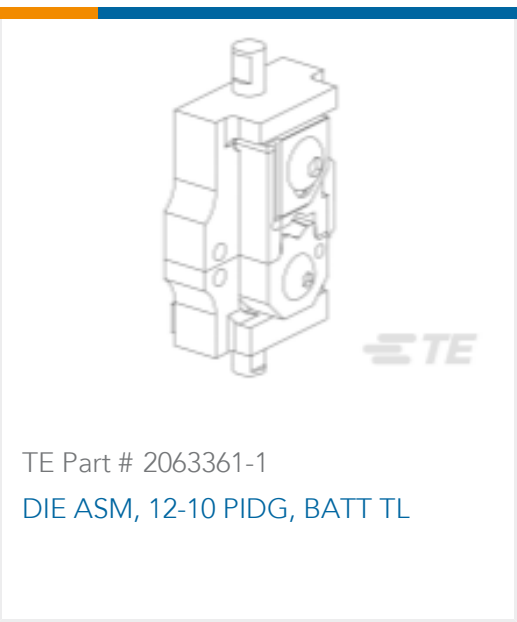
TE Part # 59239-4
HHHT PIDG PG 12-10 ASSY



TE Part # 539691-2
ERGO DIE R.B.Y



TE Part # 2063030-1
SDE DIESET, RBY, UL



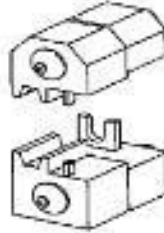
TE Part # 2063361-1
DIE ASM, 12-10 PIDG, BATT TL



TE Part # 2844990-1
KIT,BTLI,C HEAD



TE Part # 2844990-2
KIT,BTLI,C HEAD



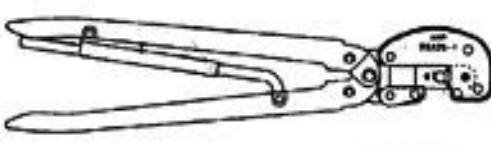
TE Part # 47808-6
DIES PIDG 12-10 DIE SET



TE Part # 169404
CERTI-LOK DIE



TE Part # 169400
CERTI-LOK

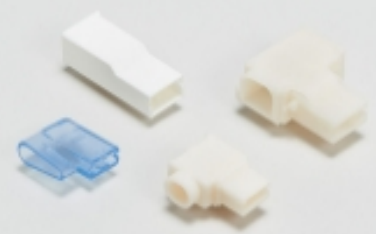


TE Part # 1-59239-4
HHHT PIDG 16-10 HEAD

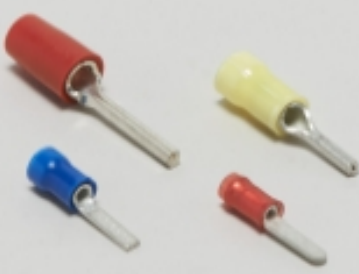
Also in the Series | PIDG



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)



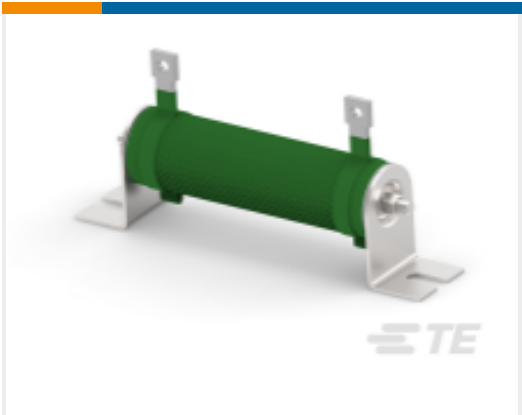
Special Purpose Terminals(1)



Splices(48)

Customers Also Bought





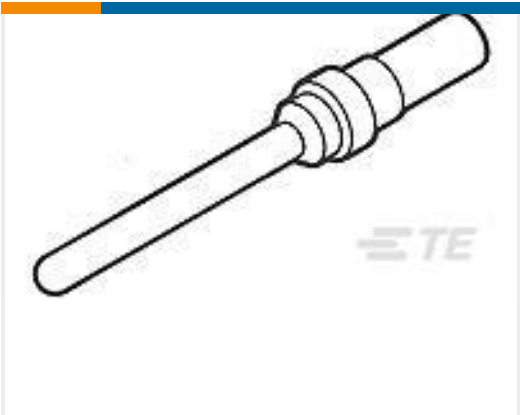
TE Part #1-1879454-7
Wirewound Resistor: Mineral, 2.5 Kw



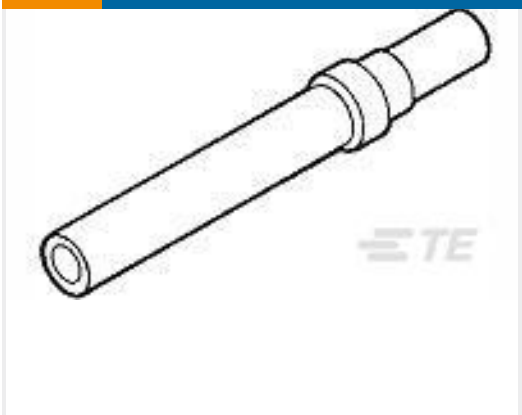
TE Part #1757820-6
AMPLIMITE,ASY,RCPT,STD,109,ZN,1, CT



TE Part #2562-201-2031L
CONT SOC ASSY



TE Part #205089-1
HD 20 PIN CONTACT



TE Part #205090-1
HD 20 SOCKET CONTACT



TE Part #320567
PIDG RING TONGUE TERMINALS



TE Part #YAFD56-18-8PWC0120
PLUG ASSY

Documents

Product Drawings

TERMINAL,PIDG R 12-10 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_35109_V.2d_dxf.zip

English

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

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_35109_10312017854_dmtec

English

[MD_35109_10312017854_dmtec](#)

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[Agency Approvals](#)

[UL Report](#)

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