



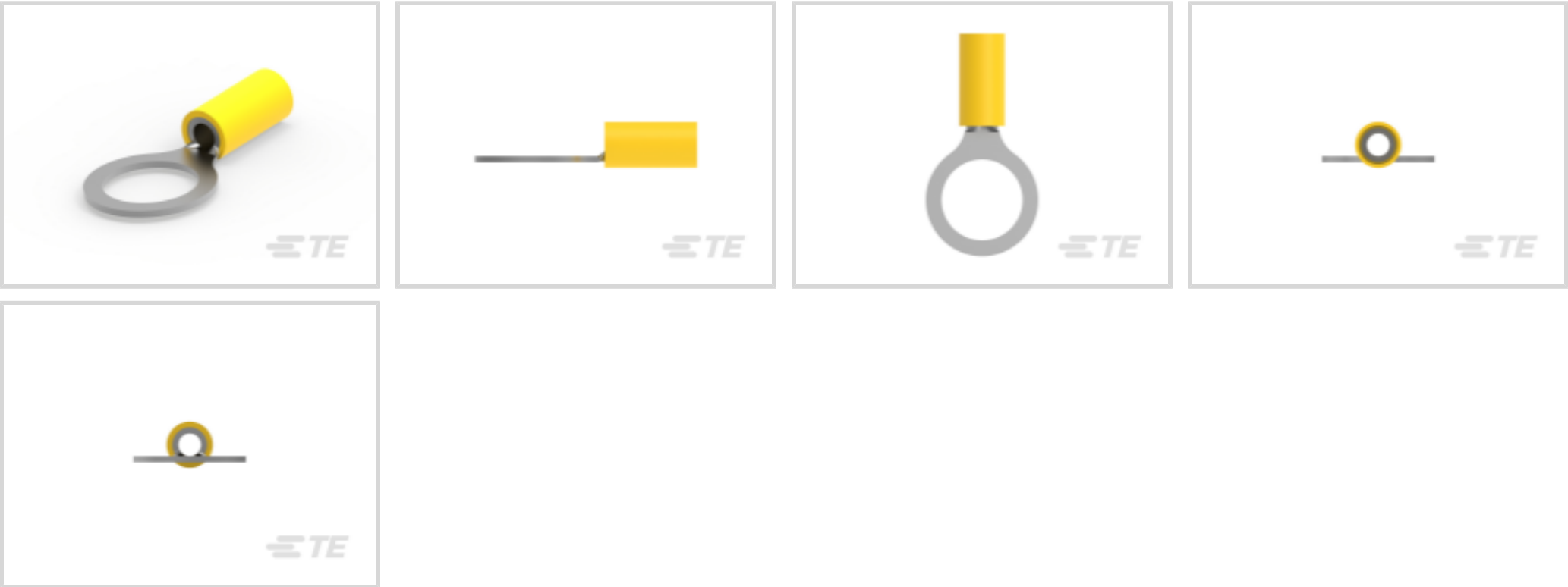
PIDG

TE Internal #: 52077-1

Closed Ring Tongue Terminal, 12 AWG, 1/2 / M12 Stud, 13.08 mm [.515 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, Partially Insulated, PIDG

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Terminals & Splices > Ring Terminals > PIDG Ring Tongue Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 6654 CMA

Stud Size: 1/2, M12

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

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	1/2, M12
Sealable	No
Wire Insulation Support Retention Type	Insulation Restriction

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	Yellow
Stripe Color	Yellow

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	6654 CMA
Stud Diameter	13.08 mm[.515 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	37.85 mm[1.49 in]
Compatible Insulation Diameter (Max)	5.08 mm[.2 in]
Compatible Insulation Diameter Range	2.41 – 5.08 mm[.095 – .2 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 105 °C[0 – 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	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: JUNE 2025 (250) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC



Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 58423-1
DIE, RBY IS9252

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

TE Part # 169404
CERTI-LOK DIE

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

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

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

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

Also in the Series | PIDG

Compression Connectors(50)

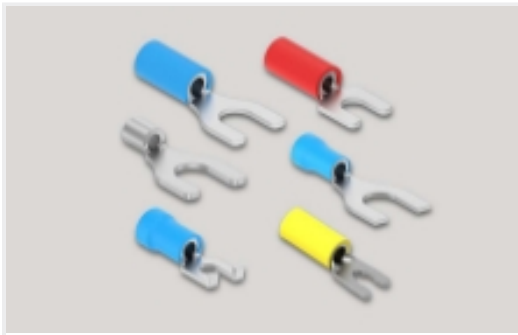
Crimp Wire Pins, Tabs & Ferrules(39)

Hand Crimping Tools(2)

Knife Disconnects(11)



Ring Terminals(589)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

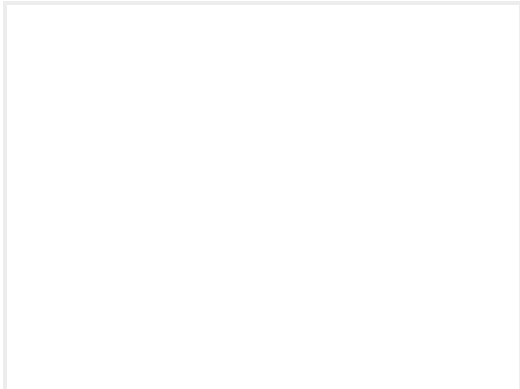
Customers Also Bought



TE Part #38943-22L
CONT SOC ASSY



TE Part #38941-20L
CONT PIN



TE Part #093867-000
202C221-13-0



TE Part #2560-201-2031L
CONT PIN



TE Part #207757-000
55A1823-20-9/96-9CS2275



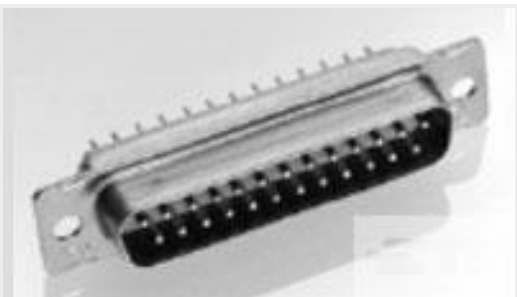
TE Part #204512-2
RECEPT ASSY,SZ 1,AMPLIMITE



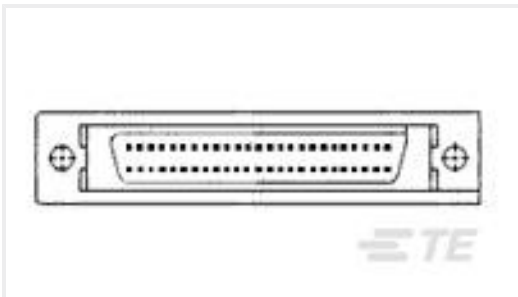
TE Part #1-1757823-0
AMPLIMITE,ASY,PLUG,STD,90,ZN,4,CT



TE Part #1757824-1
AMPLIMITE,ASY,RCPT,STD,90,ZN,1



TE Part #1757824-4
AMPLIMITE,ASY,RCPT,STD,90,ZN,4



TE Part #2-5174339-5
AMPLIMITE CAP HEADER

Documents

Product Drawings
TERMINAL,PIDG R IR 12 1/2
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_52077-1_G.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_52077-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52077-1_G.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English