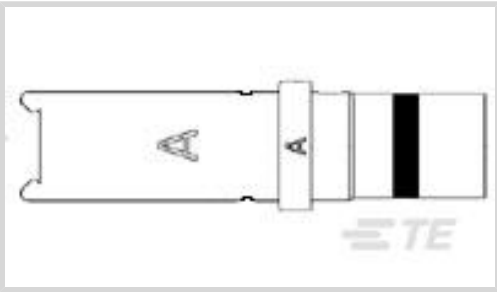




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Nickel (Ni)**

Wire Contact Termination Area Plating Material: **Nickel**

Contact Size: **Size 12**

Wire Size: **14 – 12 AWG**

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Right Angle
Mating Pin Diameter	2.37 mm[.093 in]
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Nickel (Ni)
Wire Contact Termination Area Plating Material	Nickel
Contact Size	Size 12
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	23 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

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Compatible Insulation Diameter Range	3.4 mm
Wire Size	14 – 12 AWG

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Identification Marking

Contact Color Code	Green
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (2% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

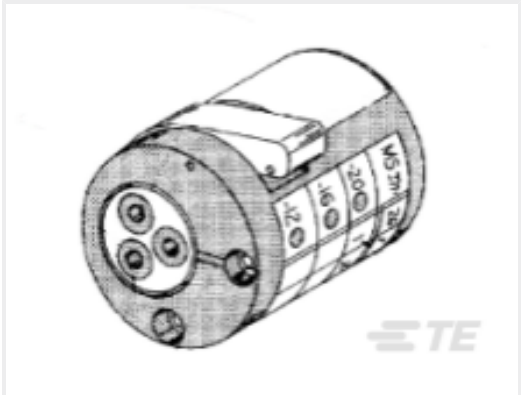


requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 601967-1
CRIMPING TOOL M22520/1-01



TE Part # 601967-2
POSITIONER M22520/1-02

Also in the Series | AMP GPR



Connector Contacts(2)



Power Contacts(2)

Customers Also Bought



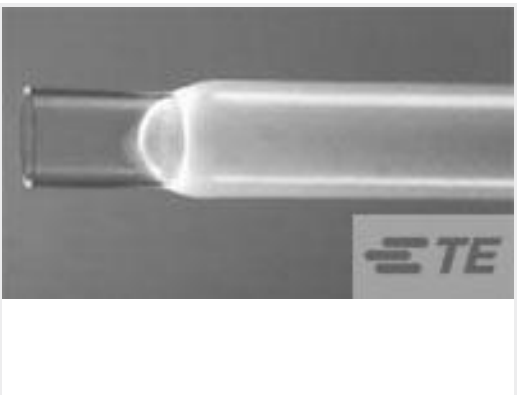
TE Part #1577625-1
TERMINAL RT PIDG PEEK STRATO 20 AWG



TE Part #1577619-1
TERMINAL RT PIDG PEEK STRATO 24-22 AWG



TE Part #1577623-1
TERMINAL, PEEK PIDG STRATO, 20AWG



TE Part #5950152008
TFE-2-X-STK



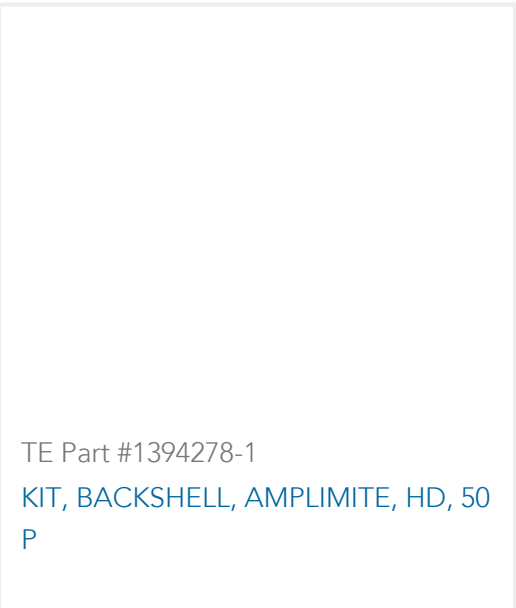
TE Part #1577633-1
TERMINAL RT PIDG PEEK STRATO 18-16 AWG



TE Part #ZPF000000000136664
182-0908-20

TE Part #5039324064
DR-25-1/8-0-CS-34034

TE Part #829471-1
AMPLIMITE Backshell Cover, Size 3



Documents

Product Drawings

SOCKET CONTACT SIZE 12 GPR

English

CAD Files

Customer View Model

ENG_CVM_1738018-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1738018-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_1738018-1_A.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

ARINC 600 Next Generation Receptacle Connector

English