

1-160773-0 ✓ ACTIVE

[Positive Lock](#) | [Positive Lock 250](#)

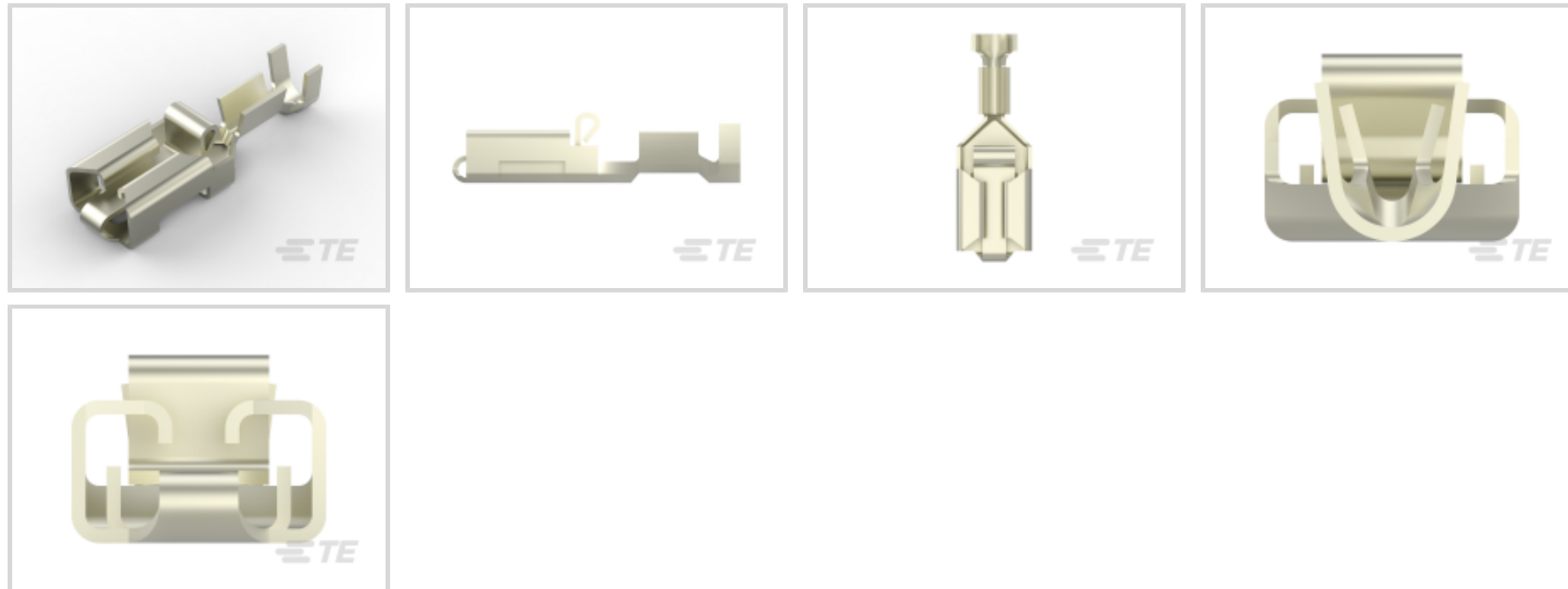
TE Internal #: 1-160773-0

Receptacle, 20 – 15 AWG Wire Size, .51 – 1.65 mm² Wire Size,
Mating Tab Width 6.35 mm [.25 in], Straight, Positive Lock 250,
Quick Disconnects

[View on TE.com >](#)



Terminals & Splices > Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: .51 – 1.65 mm²

Mating Tab Width: 6.35 mm [.25 in]

Mating Tab Thickness: .81 mm [.032 in]

Features

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	6.35 mm [.25 in]
Mating Tab Thickness	.81 mm [.032 in]
Terminal Orientation	Straight
Contact Base Material	Phosphor Bronze
Terminal Plating Material	Nickel
Crimp Type	F-Crimp
Barrel Type	Open

Dimensions

Wire Size	.51 – 1.65 mm ²
Product Length	22.9 mm [.901 in]
Compatible Insulation Diameter Range	2.3 – 3.3 mm [.09 – .13 in]

Packaging Features

Packaging Method	Loose Piece/Carton
Packaging Quantity	500



Product Type Features

Insertion Force	Low
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Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Termination Features

Product Terminates To	Wire & Cable
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Mechanical Attachment

Wire Insulation Support	With
Mating Retention Type	Dimple

Industry Standards

Compatible With Agency/Standards Products	UL
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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

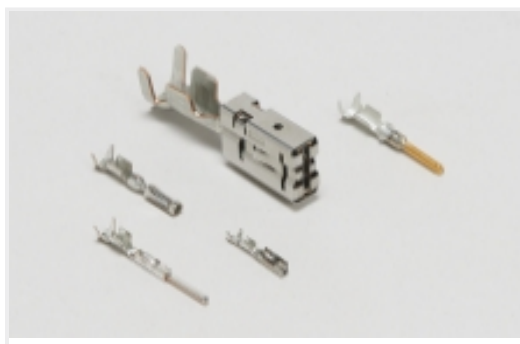
Product Compliance Disclaimer

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



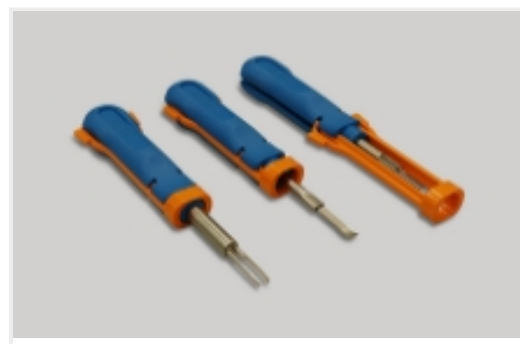
Also in the Series | [Positive Lock 250](#)



Automotive Terminals(1)



Crimp Terminal Housings(190)



Insertion & Extraction Tools(3)



Insulation Boots & Sleeves(4)



Quick Disconnects(185)

Customers Also Bought



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



TE Part #1-154719-0
PL 250 REC HSG 1P NYLON NAT



TE Part #1577618-1
TERMINAL RT PIDG PEEK STRATO 24-22 AWG



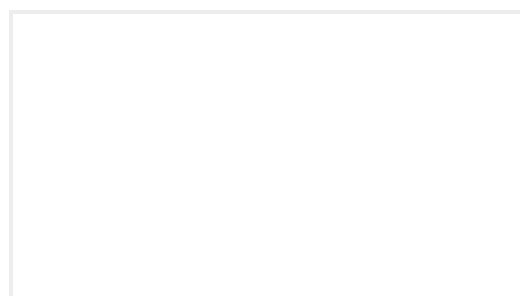
TE Part #1577648-1
TERMINAL RT PIDG PEEK STRATO 10 AWG



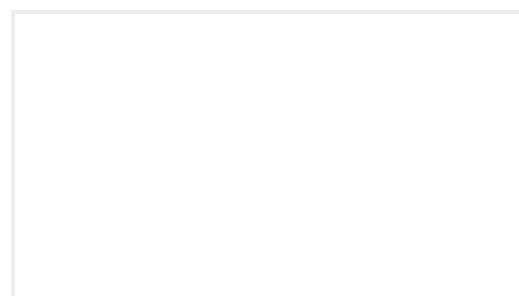
TE Part #1577640-1
TERMINAL RT PIDG PEEK STRATO 14-12 AWG



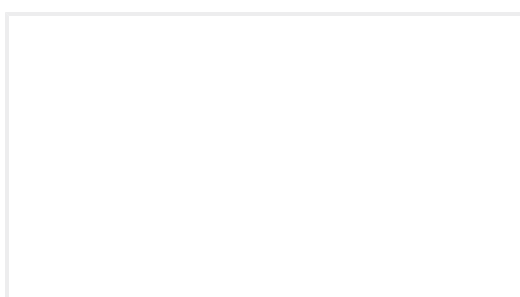
TE Part #1577632-1
TERMINAL RT PIDG PEEK STRATO 18-16 AWG



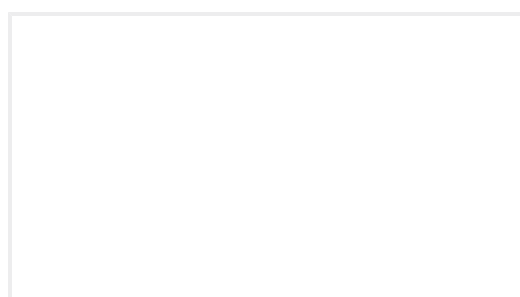
TE Part #ZPF00000000011575
BJE 53



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



TE Part #200980-000
B-013-11CS2689



TE Part #620080N006
D-108-12CS2883

Documents



Product Drawings

PL 250 REC TERMINAL 20-15 NIPPB LP

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-160773-0_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-160773-0_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-160773-0_D.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English