

132312-1 ✓ ACTIVE

AMP | AMP Type II

TE Internal #: 132312-1

Power Contacts, Contact, Gold, 24 – 20 AWG Wire Size, .2 – .6 mm²

Wire Size, Wire & Cable, Crimp, Signal, Pin, AMP Type II

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.2 – .6 mm²**

Sealable: **No**

Features

Product Type Features

Power Contact Type	Contact
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Contact Features

Contact Size	Size 16
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Pin
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material	Gold



Wire Contact Termination Area Plating Material Finish	Matte
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Contact Orientation	Straight
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Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	.76 μm[30 μin]
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
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Wire Insulation Support	With
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Dimensions

Wire Size	.2 – .6 mm ²
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Compatible Insulation Diameter Range	1.4 – 2.21 mm[.055 – .087 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-55 – 302 °F]
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Operation/Application

Circuit Application	Signal
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Identification Marking

Contact Color Code	Yellow/Red
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Packaging Features

Packaging Quantity	250
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Packaging Method	Box
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Other

Power Connectors Comment	Use turret TH502 (p/n 1-601967-6) with hand tool 601967-1.
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)
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Candidate List Declared Against: JAN 2022
(223)

SVHC > Threshold:

Pb (2.5% in Component)

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 # 201578-1
CONTACT PIN ASSY.

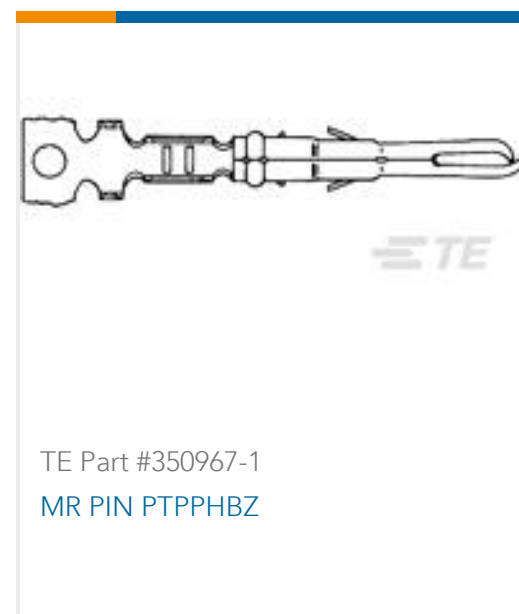
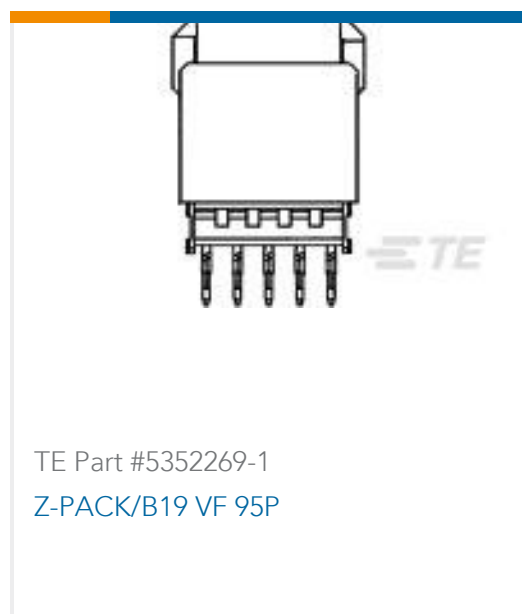
TE Part # 132311-1
CONTACT PIN TYPE 2 AWG 24-20

Also in the Series | AMP Type II

Insertion & Extraction Tools(4)

Power Contacts(35)

Customers Also Bought



Documents

Product Drawings

CONTACT PIN TYPE 2 AWG 24-20

English

CAD Files

Customer View Model

[ENG_CVM_CVM_132312-1_A.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_132312-1_A.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_132312-1_A.2d_dxf.zip](#)

English

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

Product Specifications

Product Specification

English