



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

Product Type Features

Discrete Wire Type	Stranded
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .071 in]
Wire Size	.2 – .5 mm²

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Bag
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

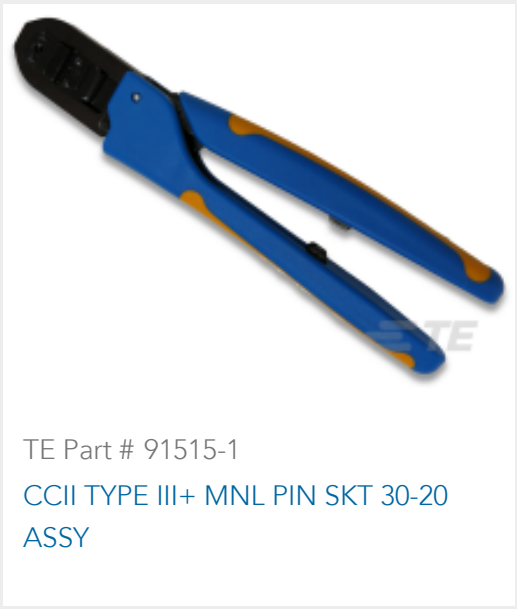
Product Compliance Disclaimer

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 # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part # 2063487-2
SDE TYPE III+ 0.2-2.5mm2 DIE SET



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm2 ASSY



TE Part # 2063487-1
SDE TYPE III+ 0.2-2.5mm2 ASSY



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm2 DIE SET

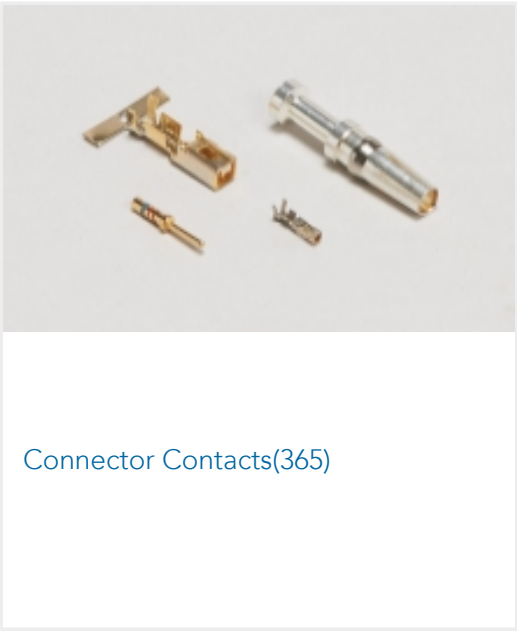


TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

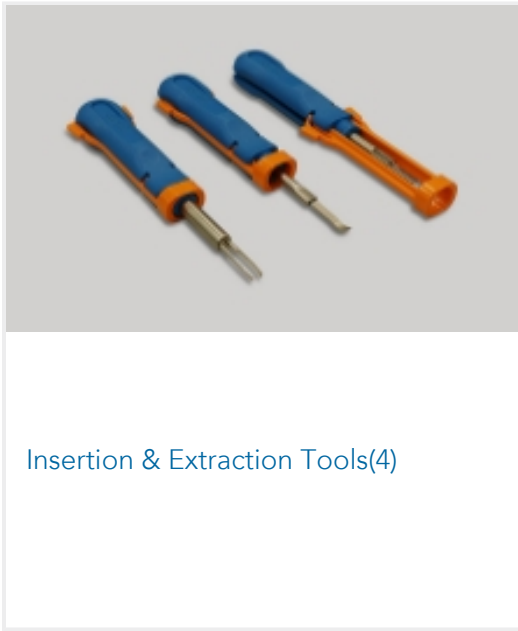


TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

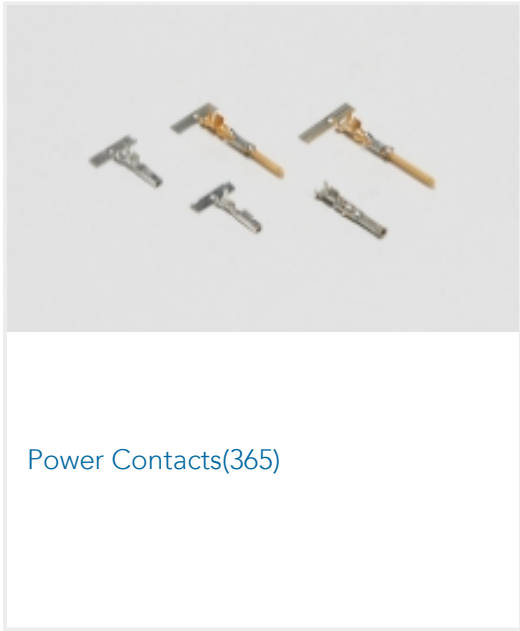
Also in the Series | AMP Type III+



Connector Contacts(365)



Insertion & Extraction Tools(4)



Power Contacts(365)

Customers Also Bought



 TE Part #1676215-2 RN 0805 196R 0.1% 10PPM 1KRL	 TE Part #1676196-2 RN 0805 158R 0.1% 10PPM 1KRL	 TE Part #1676176-2 RN 0805 130R 0.1% 10PPM 1KRL	 TE Part #1676161-2 RN 0805 118R 0.1% 10PPM 1KRL
 TE Part #1676147-2 RN 0805 105R 0.1% 10PPM 1KRL	 TE Part #1676211-2 RN 0805 187R 0.1% 10PPM 1KRL	 TE Part #1676145-1 RN 0805 102R 0.1% 10PPM CUT LENGTH	 TE Part #1676171-2 RN 0805 127R 0.1% 10PPM 1KRL
 TE Part #1676187-2 RN 0805 143R 0.1% 10PPM 1KRL	 TE Part #1676149-2 RN 0805 107R 0.1% 10PPM 1KRL		

Documents

Product Drawings

SPEC. PLATED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-163086-0_AD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-163086-0_AD.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-163086-0_AD.3d_stp.zip

English

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

Product Specifications

1-163086-0

Pin Contact, Precious Metal, Size 16 Contact Size, 24 – 20 AWG, .2 – .5 mm² Wire, Crimp, Brass, Power & Signal, AMP Type III+



Product Specification

English