



AMP | AMP Type III+

TE Internal #: 163086-1

Tin (Sn), Pin Contact, 24 – 20 AWG, .2 – .5 mm² Wire, Size 16,
Crimp, Brass, Power & Signal, -55 – 90 °C [-67 – 194 °F], AMP Type
III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
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 Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
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
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	200
Packaging Method	Bag

Product Compliance

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

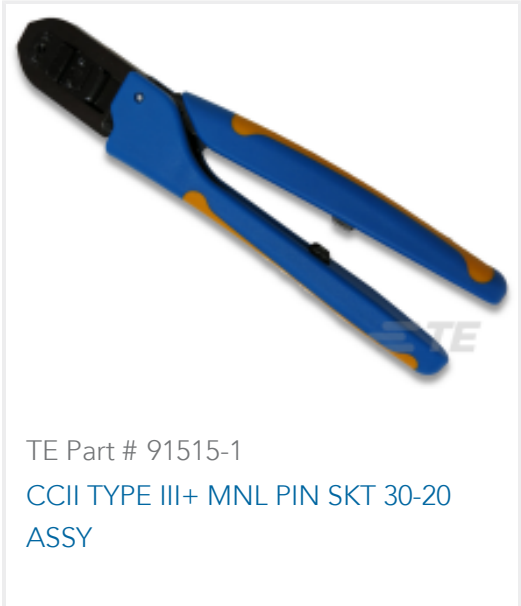
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 200893-2 INSERTION TOOL CONT	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 2063487-2 SDE TYPE III+ 0.2-2.5mm² DIE SET	 TE Part # 58495-2 PROCRIPTER DIE ASSY MULTIMATE
 TE Part # 539972-1 EXTRACTION TOOL	 TE Part # 91515-1 CCII TYPE III+ MNL PIN SKT 30-20 ASSY	 TE Part # 2063487-1 SDE TYPE III+ 0.2-2.5mm² ASSY	 TE Part # 2384426-2 SDE F TYPE III+ 0.56-0.12mm² DIE SET
 TE Part # 2384426-1 SDE F TYPE III+ 0.56-0.12mm² ASSY	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE	 TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	

Also in the Series | AMP Type III+



Connector Contacts(365)



Insertion & Extraction Tools(4)



Power Contacts(365)

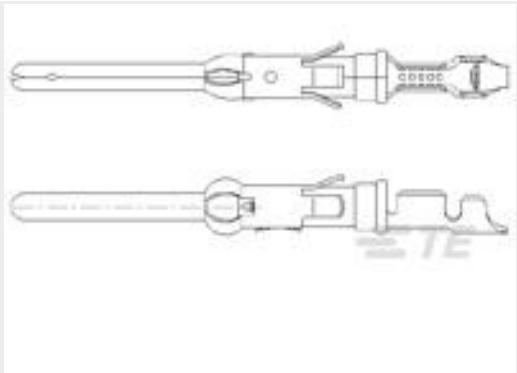
Customers Also Bought



TE Part #1SNG625036R0000
EM-SGL-M32-MET-J



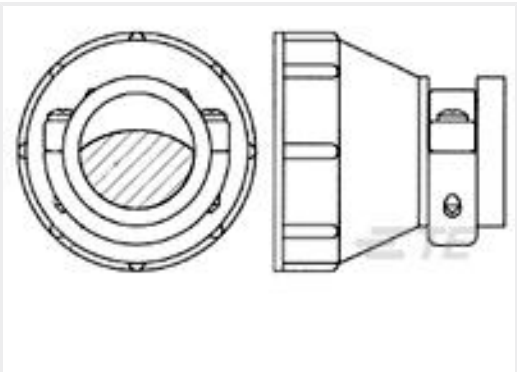
TE Part #801961-SF
FN9222R-6-07



TE Part #163086-2
LOOSE PIECE PIN TYPEIII+
CONTACT SIZE 16



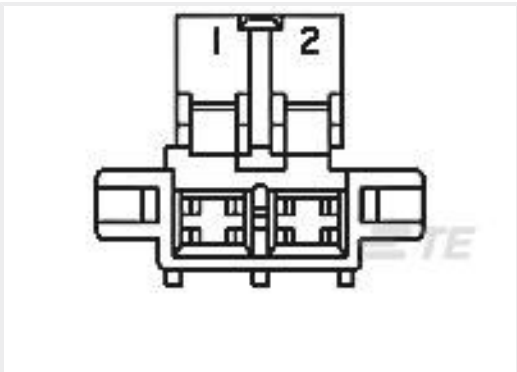
TE Part #182645-1
13-9 CPC PLUG



TE Part #182663-1
13 SIZE CPC STD CLAMP



TE Part #183079-1
FREE HANG.13-9STD. SEX SRS 1



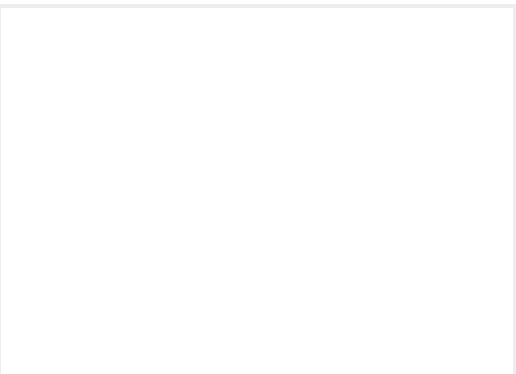
TE Part #365058-1
2P HSG F/JUNIOR TIMER NAT



TE Part #770902-6
MINI UMNL SOK 26-22 AWG AU



TE Part #1558736-8
SR6-333-L024



TE Part #1718968-1
ROUND NUT M28x1.5

Documents

Product Drawings
062 PIN ASS. TYP3+

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_163086-1_AD.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_163086-1_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163086-1_AD.3d_stp.zip](#)

English

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Product Specifications

English