

66098-8 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66098-8

Pin Contact, Gold, Locking Spring Contact Retention, Size 16

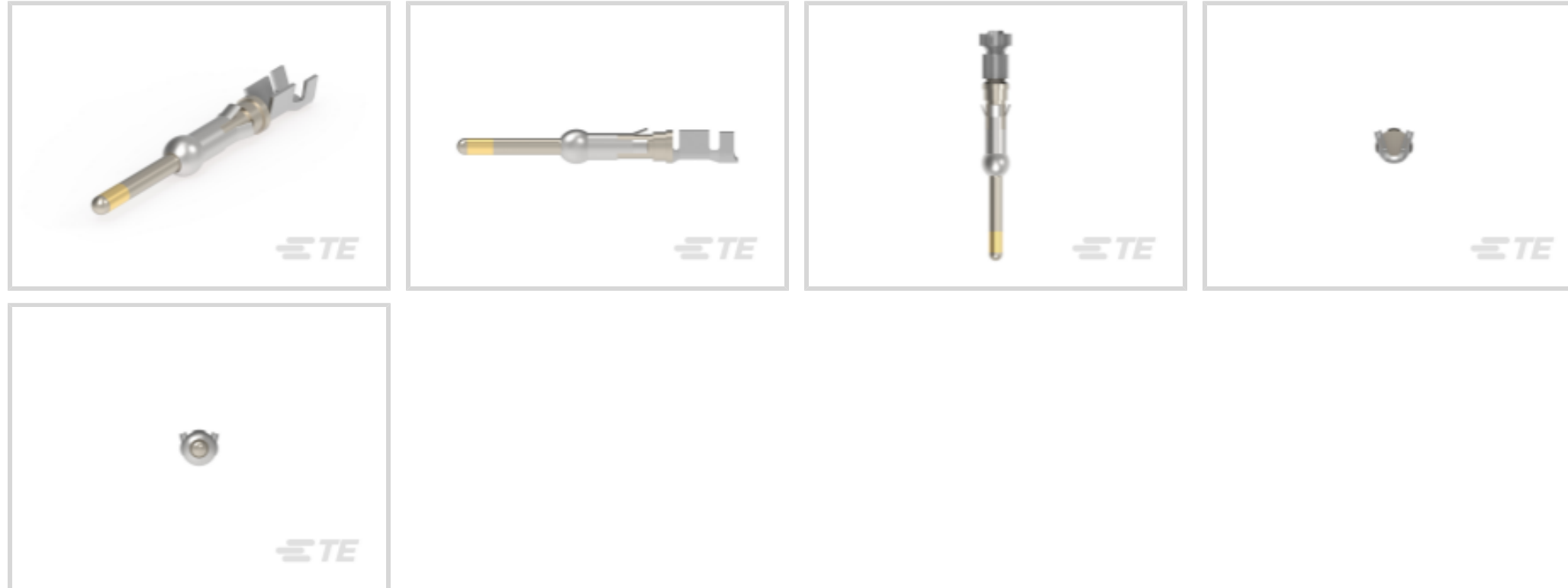
Contact Size, Discrete Wire, 18 – 16 AWG Wire Size, .8 – 1.4 mm²

Wire Size, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

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

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Spring**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Contact Mating Area Length	9.91 mm[.39 in]
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Shape & Form	Round
Contact Length	27.1 mm[1.067 in]
Contact Orientation	Straight



Contact Underplating Material	Nickel
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Gold
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

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Spring

Dimensions

Compatible Insulation Diameter Range	2.03 – 2.54 mm [.08 – .1 in]
Wire Size	.8 – 1.4 mm ²

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	4000
Packaging Method	Reel

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



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



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



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



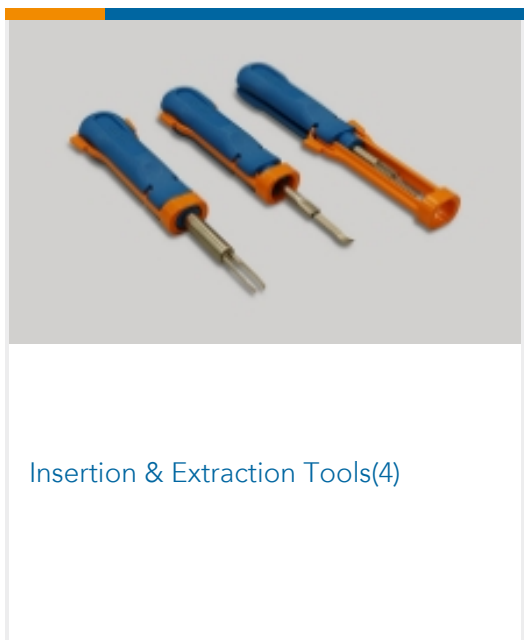
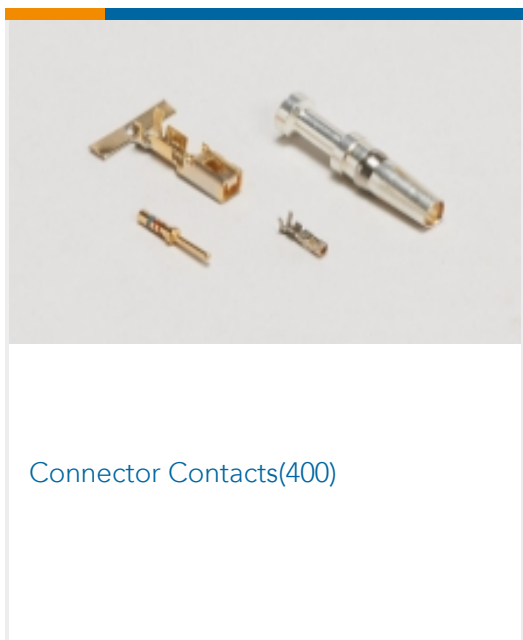
TE Part # 208470-1
CMC PLUG ASSEMBLY,SZ 28



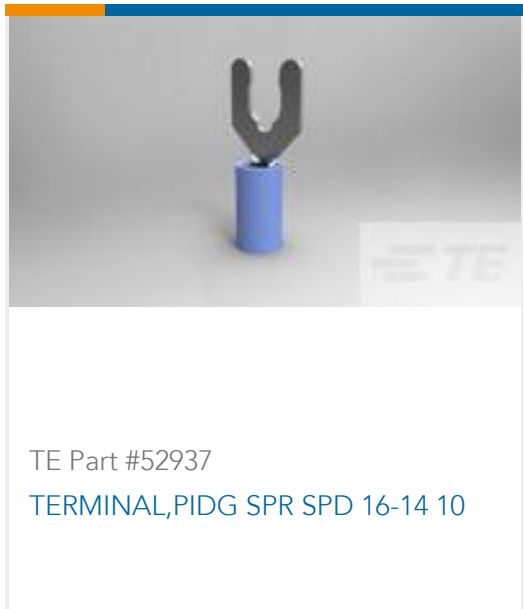
TE Part # 208714-2
CMC PLUG ASSEMBLY,SZ 14-7



Also in the Series | AMP Type III+



Customers Also Bought





TE Part #1393766-9
R10-E1X2-V700=R10



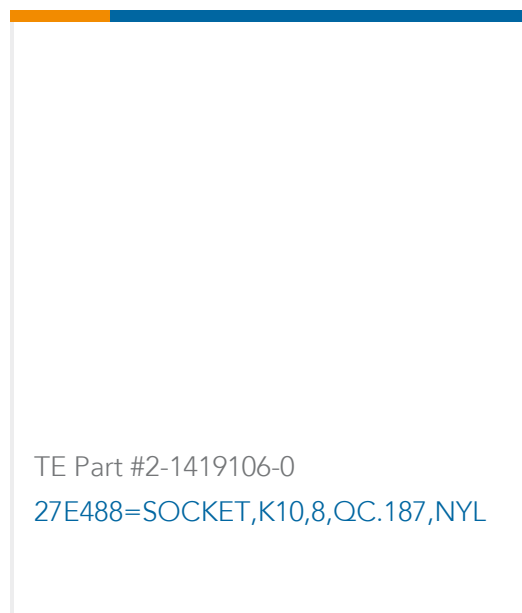
TE Part #1-1393766-7
R10-E1X4-V700=R10



TE Part #32951
PG R 22-16 COMM 22-18 MIL 8



TE Part #5-1393118-9
KUP-5A15-120=KU



TE Part #2-1419106-0
27E488=SOCKET,K10,8,QC.187,NYL

Documents

Product Drawings

III+ PIN,18-16,15AU/FL,STRIP

English

CAD Files

Customer View Model

[ENG_CVM_66098-8_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_66098-8_AE.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66098-8_AE.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66098-8_AP.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66098-8_AP.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66098-8_AP.3d_stp.zip](#)

English



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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English