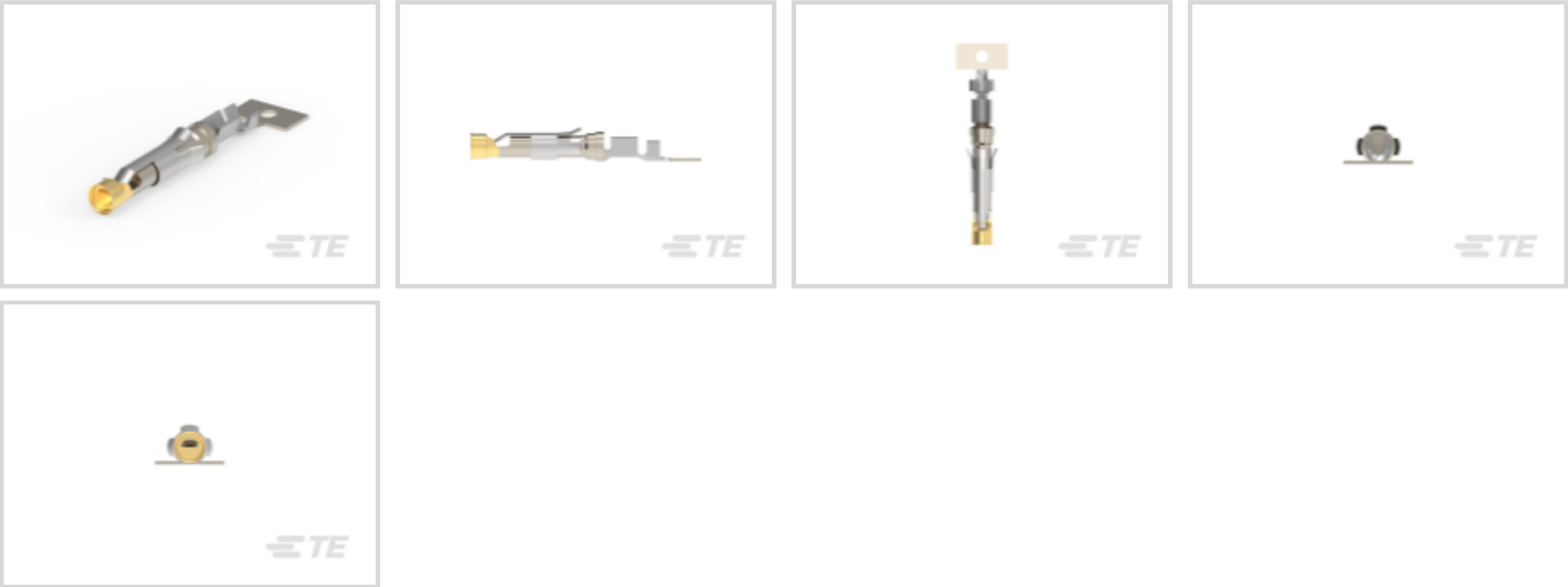




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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	1.58 mm[.062 in]
Contact Underplating Material Thickness	.8 – 1.5 µm[31.49 – 60 µin]
Contact Mating Area Plating Material Thickness	.76 – 1 µm[30 – 40 µin]
Wire Contact Termination Area Plating Thickness	1 – 2 µm[40 – 78 µin]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass



Contact Current Rating (Max)	7.5 A
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Termination Features

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 – .6 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 Quantity	5000
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: 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

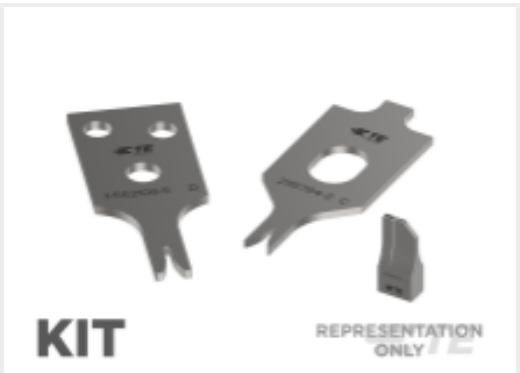
Product Compliance Disclaimer

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 # 200893-2 INSERTION TOOL CONT	 TE Part # 5-2151016-2 OCEAN_2.0_APPLICATOR-S-062F090O-RSA	 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 2384426-1 SDE F TYPE III+ 0.56-0.12mm2 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 # 7-2151016-7 OCEAN_2.0_SPARE_PART_KIT-062F090O	 TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE
 TE Part # 5-2151016-1 OCEAN_2.0_APPLICATOR-S-062F090O-RSM	 TE Part # 2151016-1 OCEAN_2.0_APPLICATOR-S-062F090O-RSM	 TE Part # 2151016-2 OCEAN_2.0_APPLICATOR-S-062F090OA-RSA	 TE Part # 539972-1 EXTRACTION TOOL
 TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE			

Also in the Series | AMP Type III+



Connector Contacts(365)

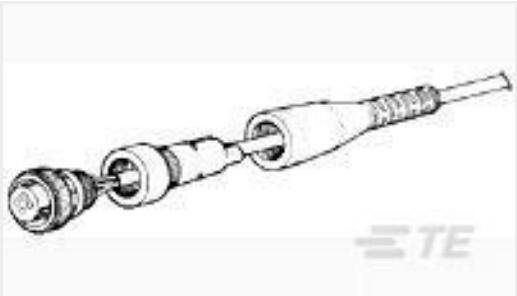


Insertion & Extraction Tools(4)



Power Contacts(365)

Customers Also Bought



TE Part #207489-1
FLEXIBLE CABLE BOOT, SIZE 11



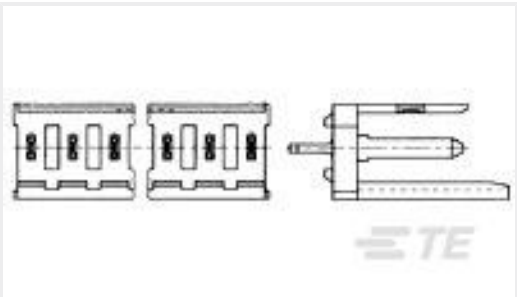
TE Part #1579007-8
EXTRACTION TOOL



TE Part #454003-E
M12 FEMALE, A CODE, 4P, 17MM SMT



TE Part #1-178127-6
DYNAMIC 3100 REC HSG 6P K-XX



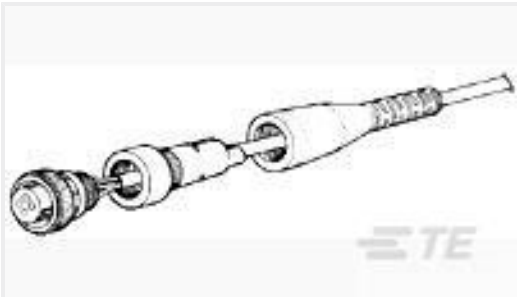
TE Part #280609-2
2P MOD 1 SHROUDED HEADER, ST, 0.4 Au



TE Part #5745854-3
CABLE CLAMP KIT, SZ 1



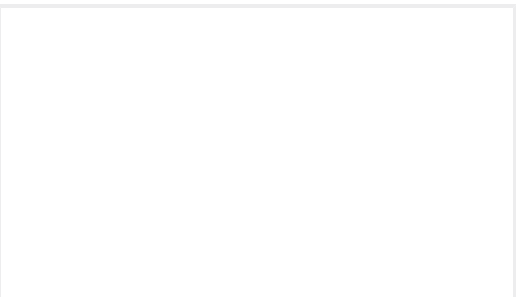
TE Part #5-160316-2
110 FASTON REC 22-20 AWG TPBR



TE Part #207490-1
CABLE GRIPPER, SIZE 11



TE Part #90683-1
PRO-CRIMPER ASSEMBLY



TE Part #829154-2
2P AMP-QUICK STLEI

Documents

Product Drawings

SPEC.PLATED

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-163087-1_AD.2d_dxf.zip



English

Customer View Model

[ENG_CVM_1-163087-1_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-163087-1_AD.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163087-1_AD1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163087-1_AD1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-163087-1_AD1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

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Product Specifications

[Product Specification](#)

English