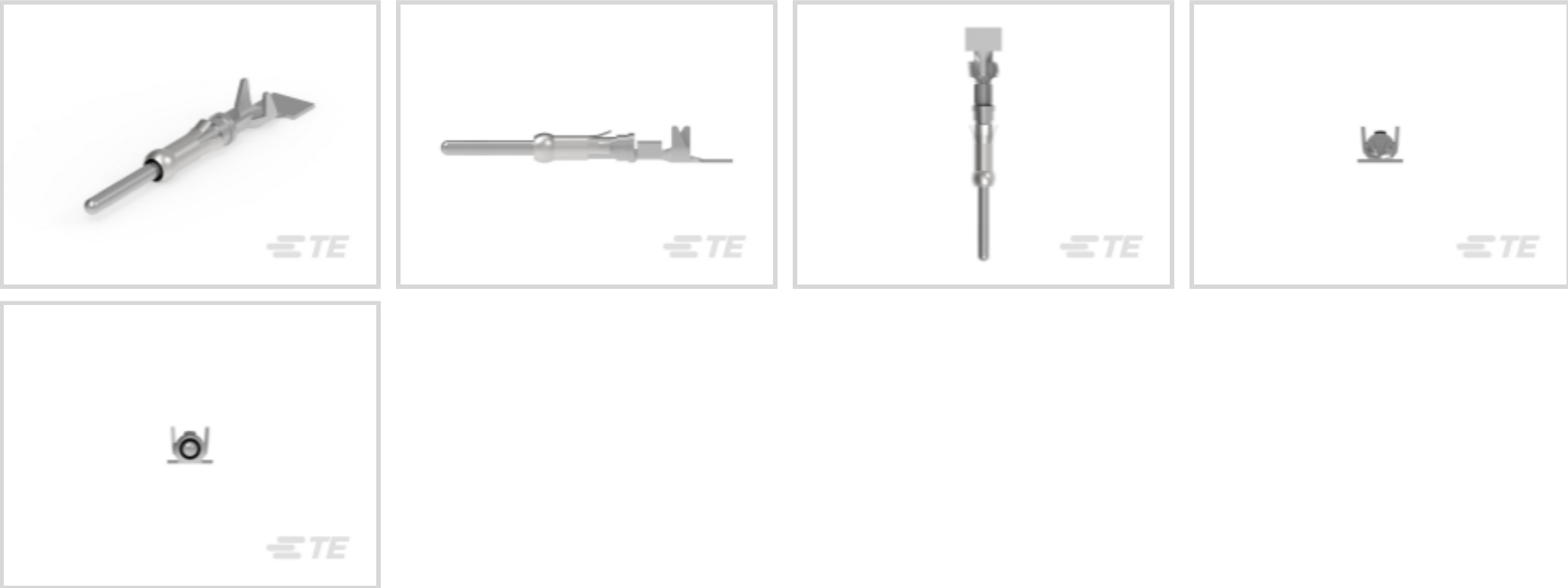




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Tin
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
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Dimensions

Compatible Insulation Diameter Range	1.52 – 3.05 mm[.06 – .12 in]
Wire Size	.2 – .6 mm²

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	1000
Packaging Method	Carton

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 # 91542-1 CCII TYPE III+ PIN SKT 24-22 ASSY	 TE Part # 200893-2 INSERTION TOOL CONT	 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	 TE Part # 208714-1 CMC PLUG ASSEMBLY,SZ 14-7	 TE Part # 208718-1 CMC PLUG ASSEMBLY,SZ 14-5
 TE Part # 788153-2 SLD CPC PLUG ASSY,11-4,REV SEX	 TE Part # 211770-2 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 208720-1 PLUG ASSY,SZ 14,CMC	 TE Part # 208457-1 CMC PLUG ASSEMBLY,SZ 28-24
 TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 208470-3 CMC PLUG ASSEMBLY,SZ 28	 TE Part # 213853-1 CPC PLUG ASSEMBLY SIZE 23-19





TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 796450-1
PLUG ASSY,CPC,17-9,REV SEX



TE Part # 796188-1
SLD CPC PLUG ASSY,23-24,STD SX



TE Part # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37

Also in the Series | AMP Type III+

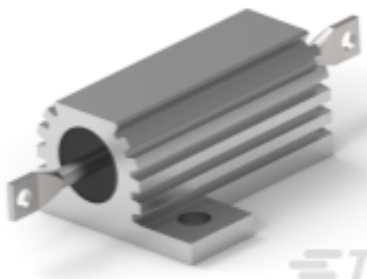


Connector Contacts(400)

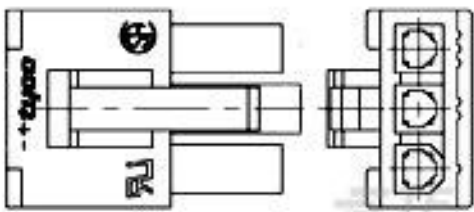


Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #1879074-1
Power Resistor: Aluminum Housed, 75 Watt



TE Part #1586027-5
5P SR RCPT VAL-U-LOK V0



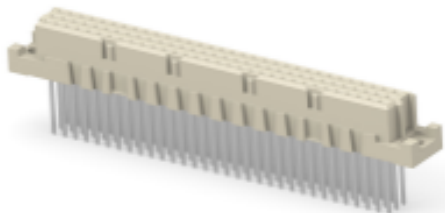
TE Part #CON SMA011-R58
SMA Jack 50 Ohm Cable Crimp



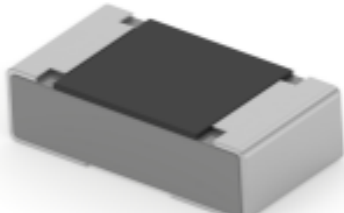
TE Part #953318-2
1W HSG FOR DIESEL PLUG



TE Part #1-1801178-1
3W RECEPTACLE HP CONNECTOR BLACK



TE Part #284984-E
STVC 96 F ABC VV 7-00 0606 13,0 * 137 E



TE Part #5-2176474-5
RA73F 1J 2K0 0.1% 1K RL

TE Part #02560408-006
LVDT MHR 050 MC ASSY

Documents

Product Drawings
III+ PIN,24-20,TIN,LP

English

CAD Files
Customer View Model
ENG_CVM_CVM_66566-7_K.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_66566-7_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66566-7_K.3d_stp.zip](#)

English

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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