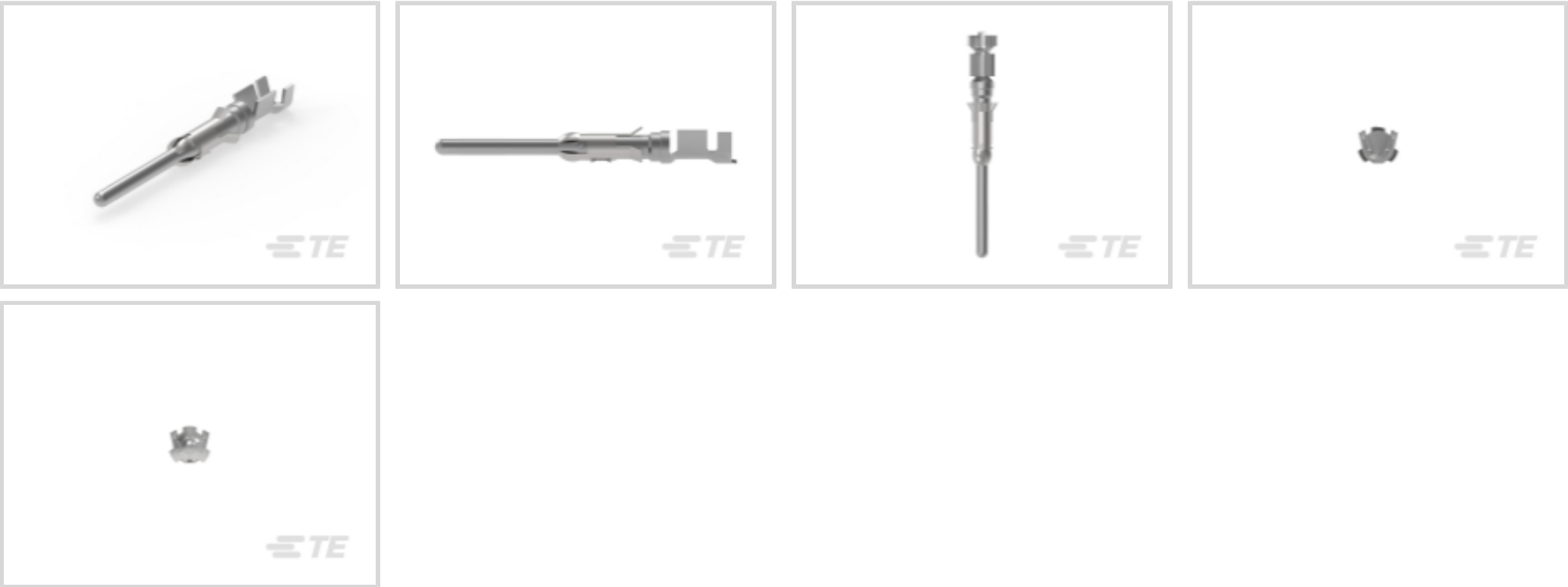




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Snap-In**

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	1.02 µm[40 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	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

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Snap-In

Dimensions

Compatible Insulation Diameter Range	2 – 2.5 mm[.078 – .098 in]
Wire Size	.8 – 1.4 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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Identification Marking

Contact Color Code	Blue
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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: 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

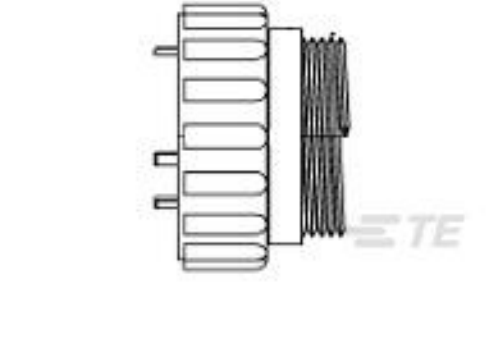
Solder Process Capability

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 # 5-2151023-1 OCEAN_2.0_Applicator-S-080F120O-RSM	 TE Part # 1977878-1 SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4
 TE Part # 208716-1 CMC PLUG ASSEMBLY,SZ 14	 TE Part # 213853-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 213849-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 208718-2 CMC PLUG ASSEMBLY,SZ 14-5
 TE Part # 211770-2 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 796274-1 SLD CPC PLUG ASSY,17-16,STD SX	 TE Part # 796274-2 SLD CPC PLUG ASSY,17-16,STD SX	 TE Part # 796188-1 SLD CPC PLUG ASSY,23-24,STD SX



TE Part # 796271-1
SLD CPC PLUG ASSY,17-14,REV SX



TE Part # 206708-1
CPC PLUG ASSEMBLY SIZE 13-9



TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F1200-RSM



TE Part # 208718-1
CMC PLUG ASSEMBLY,SZ 14-5 RSM



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



TE Part # 211400-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part # 213848-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 211768-1
CPC PLUG ASSEMBLY SIZE 17-9

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(5)



Connector Contacts(51)



Connector Hardware(47)



Power Contacts(51)



Rectangular Connector Housings(77)

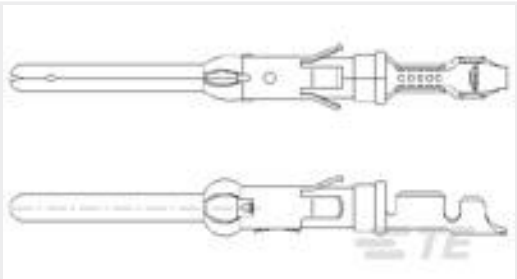


Rectangular Power Connectors(82)



Standard Rectangular Connectors(81)

Customers Also Bought



TE Part #163081-7
.062 DIA PIN ASSY 3+



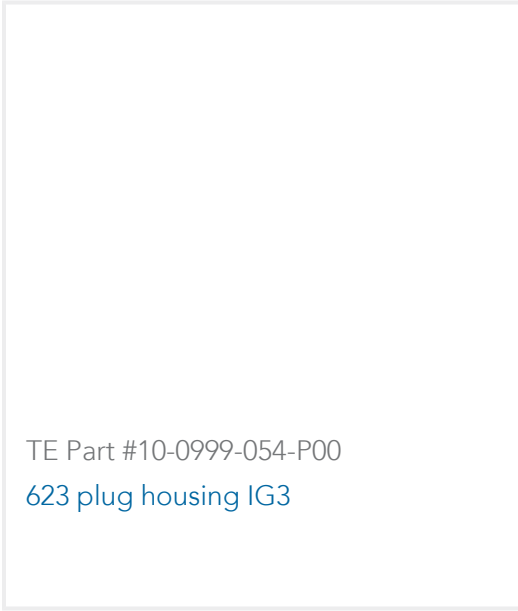
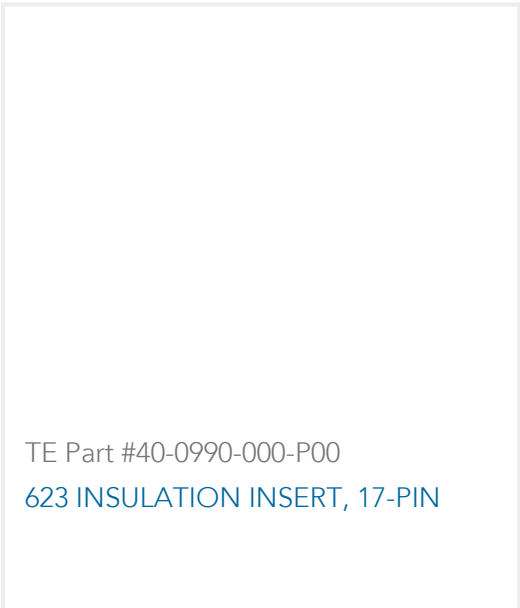
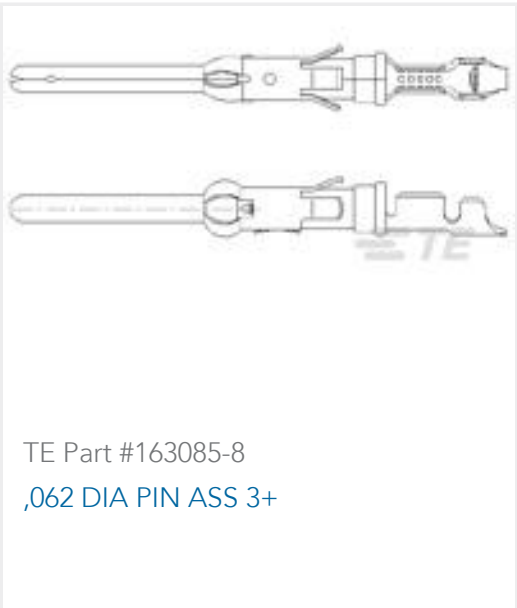
TE Part #60-0003-011-P00
CONTACT SOCKET 2 MM



TE Part #3-917809-3
DYNAMIC D-5 TAB HSG D/R 6P X-Y



TE Part #60-0001-011-P00
CONTACT SOCKET 1 MM



Documents

Product Drawings
M-SRS.PIN BODY 3+

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_164161-3_U.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_164161-3_U.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_164161-3_U.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

164161-3

Pin Contact, Tin (Sn), Snap-In Contact Retention, Size 16 Contact Size, 18 – 16 AWG, .
8 – 1.4 mm² Wire, Crimp, Brass, Power & Signal, AMP M Series



Product Specification

English