



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

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	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	.12 – .2 µm[5 – 8 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Copper Nickel Alloy



Contact Current Rating (Max)	25 A
------------------------------	------

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Identification Marking

Contact Color Code	Violet
--------------------	--------

Packaging Features

Packaging Quantity	1000
Packaging Method	Carton, Loose Piece

Product Compliance

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

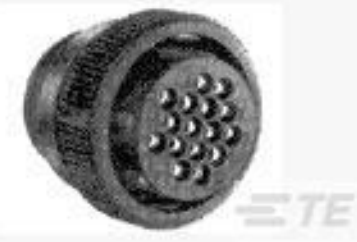
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 208488-3 CMC PLUG ASSEMBLY, SZ 22	 TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19
 TE Part # 208714-2 CMC PLUG ASSEMBLY, SZ 14-7	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16
 TE Part # 208720-1 PLUG ASSY, SZ 14, CMC	 TE Part # 208470-3 CMC PLUG ASSEMBLY, SZ 28	 TE Part # 1977887-1 PLUG ASSY, 23-37 STD SEX THRD AD, UV RESIS	 TE Part # 788153-2 SLD CPC PLUG ASSY, 11-4, REV SEX
 TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	 TE Part # 1977884-1 SLD CPC PLUG ASSY, 13-9, STD SEX, UV RESIS	 TE Part # 213851-1 CPC PLUG ASSEMBLY SIZE 23-24	 TE Part # 208714-1 CMC PLUG ASSEMBLY, SZ 14-7



TE Part # 208457-3
CMC PLUG ASSEMBLY, SZ 28-24



TE Part # 208488-1
CMC PLUG ASSEMBLY, SZ 22



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 796288-1
PLUG.ASSY, 23-37 STD SEX THRD AD

Also in the Series | AMP Type III+



Connector Contacts(260)



Insertion & Extraction Tools(4)



Power Contacts(260)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #1-1337551-0
FME Str Jk Hex Nickel Pltd RG174A/U, 188



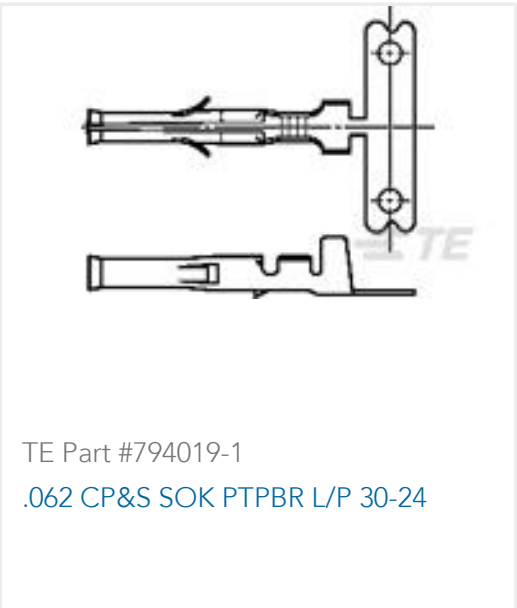
TE Part #T4061120003-002
M8 CABLE ST M 1.0M 3POS PUR CABLE



TE Part #208491-1
CMC RECEPTACLE ASSY, SIZE 22



TE Part #2-179959-3
DYNAMIC D-5200 HDR ASSY 6P H Y



Documents

Product Drawings

III+ PIN,18-14,30AU/FL,LP

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66361-4_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66361-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66361-4_G.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

Product Specifications

Engineering Report

English

1-66361-4

Pin Contact, Gold (Au), Size 16 Contact Size, 18 – 14 AWG, .8 – 2 mm² Wire, Crimp,
Copper Nickel Alloy, Power & Signal, AMP Type III+

