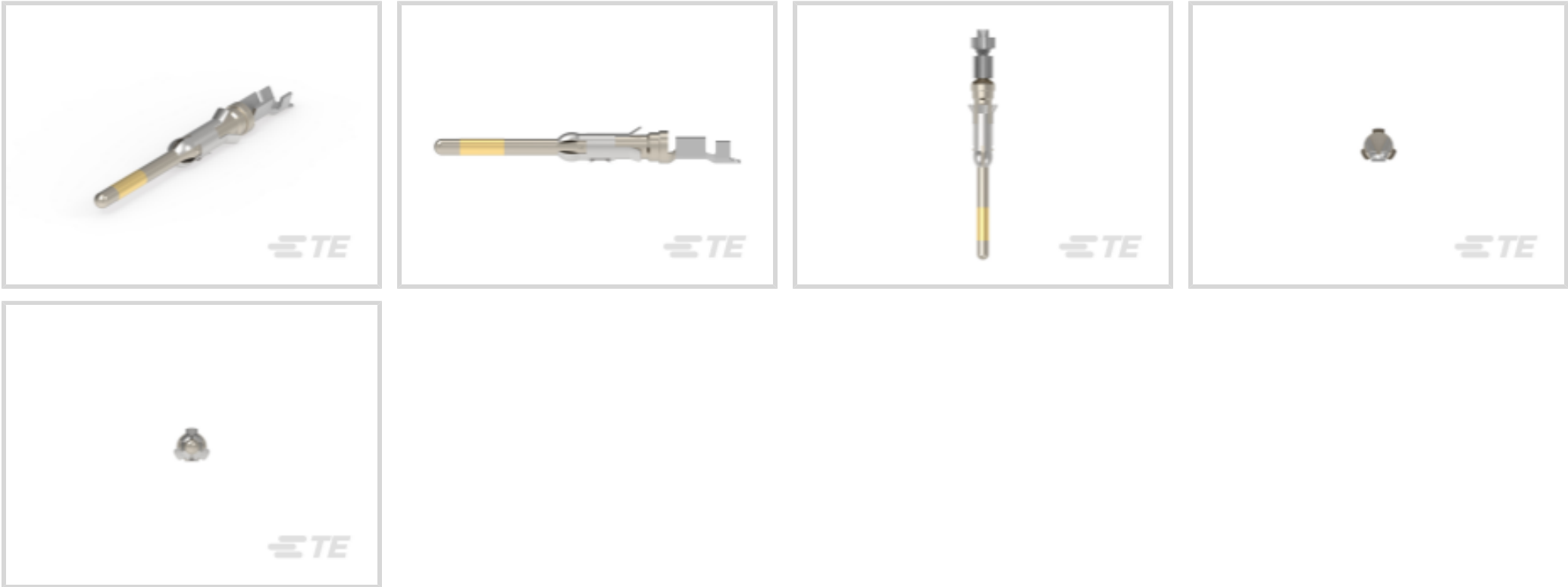




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
Wire Contact Termination Area Plating Material: **Gold Flash**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

Product Type Features

Discrete Wire Type	Stranded
--------------------	----------

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.076 µm[3 µin]
Wire Contact Termination Area Plating Material Finish	Bright



Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

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

Dimensions

Wire Size	.2 – .5 mm ²
Compatible Insulation Diameter Range	1.1 – 1.8 mm[.043 – .07 in]

Usage Conditions

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

Operation/Application

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

Packaging Features

Packaging Quantity	200
Packaging Method	Bag

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 208457-1 CMC PLUG ASSEMBLY, SZ 28-24	TE Part # 211400-1 CPC PLUG ASSEMBLY SIZE 13-7	TE Part # 213848-1 CPC PLUG ASSEMBLY SIZE 23-37	TE Part # 208718-1 CMC PLUG ASSEMBLY, SZ 14-5
TE Part # 206708-1 CPC PLUG ASSEMBLY SIZE 13-9	TE Part # 206837-1 CPC PLUG ASSEMBLY SIZE 23-24	TE Part # 206150-1 CPC PLUG ASSEMBLY SIZE 23-37	TE Part # 206429-1 CPC PLUG ASSY, 11-4, REV SEX
TE Part # 2384426-1 SDE F TYPE III+ 0.56-0.12mm2 ASSY	TE Part # 2384426-2 SDE F TYPE III+ 0.56-0.12mm2 DIE SET	TE Part # 208470-1 CMC PLUG ASSEMBLY, SZ 28	TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14
TE Part # 211768-1 CPC PLUG ASSEMBLY SIZE 17-9	TE Part # 213850-1 CPC PLUG ASSEMBLY SIZE 23-37	TE Part # 796094-2 SLD CPC PLUG ASY, 11-4, STD SEX	TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE



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



TE Part # 788157-2
SLD CPC PLUG ASSY,13-9,STD SEX

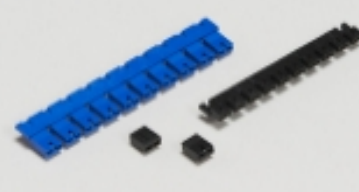


TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 213849-1
CPC PLUG ASSEMBLY SIZE 17-16

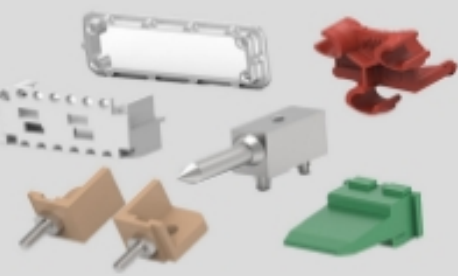
Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(3)



Connector Contacts(51)



Connector Hardware(47)



Power Contacts(51)



Rectangular Connector Housings(77)



Rectangular Power Connectors(82)



Standard Rectangular Connectors(81)

Customers Also Bought



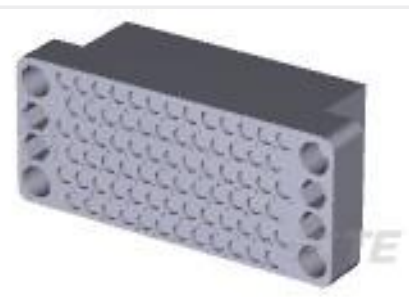
TE Part #EH2298-000
DWFR-16/4-0-STK



TE Part #66460-2
PIN,.062 DIA,.025 SQ POST,LP



TE Part #1-200835-1
SERIES" M" MIN. RECT. GUIDE SOC



TE Part #201310-3
MALE BLOCK. 75 PL.-MIN. RECT.



TE Part #1-2176326-5
CRGP 0603 150R 1%



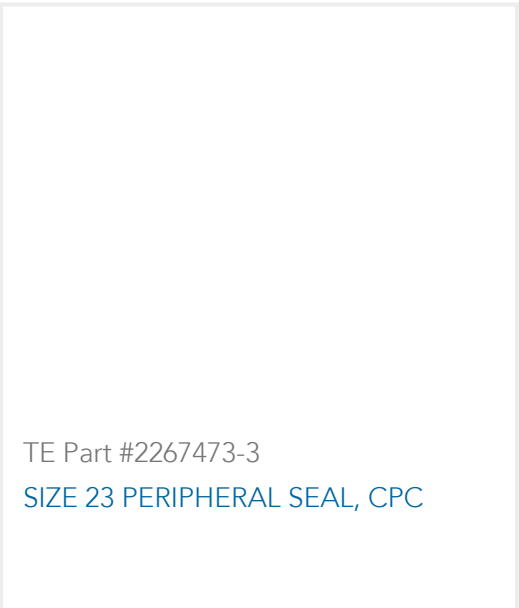
TE Part #5747150-2
09 RCPT SP/FMS STD



TE Part #5750071-1
Mini DIN, 6 pos, R/A, Shield



TE Part #8-6609107-0
PS0S0DS3B=C1264



Documents

Product Drawings

PIN ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_164163-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_164163-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_164163-2_D.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