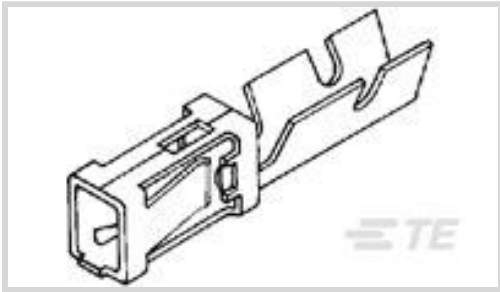




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Contact Retention Type Within Housing: **Snap-In**
Wire Size: **.3 - .9 mm²**

Features

Product Type Features

Applied Pressure	Standard
------------------	----------

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	1200 V
Contact Resistance	15 mΩ

Contact Features

Contact Mating Area Plating Material Thickness	.4 μm[15.748 μin]
Contact Orientation	Straight
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
PCB Mount Retention	Without



Contact Retention Type Within Housing	Snap-In
---------------------------------------	---------

Housing Features

Mating Entry Location	Top
-----------------------	-----

Dimensions

Compatible Insulation Diameter Range	1.8 - 2.3 mm[.071 - .091 in]
Wire Size	.3 - .9 mm²

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Quantity	2000
Packaging Method	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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

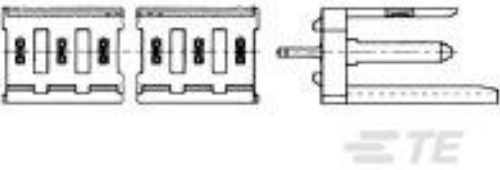
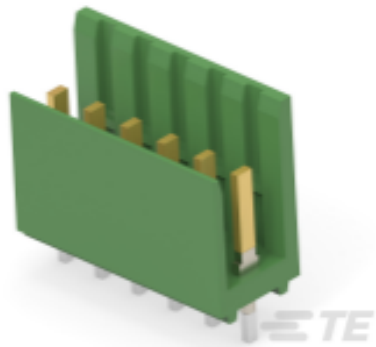
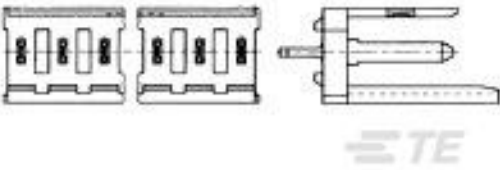
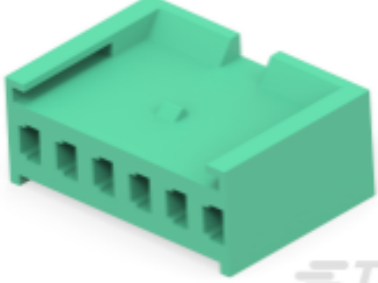
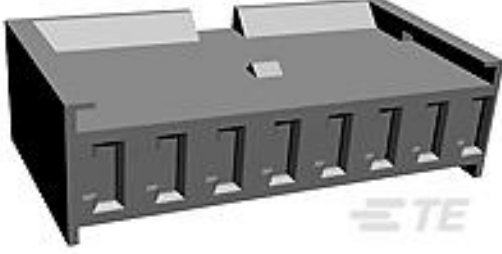
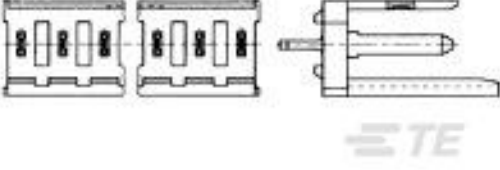
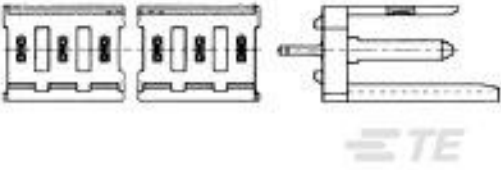
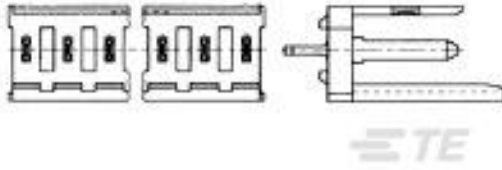
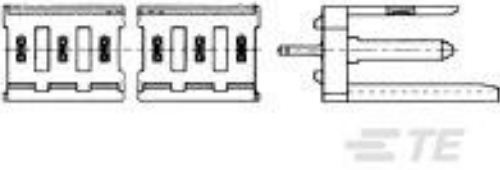
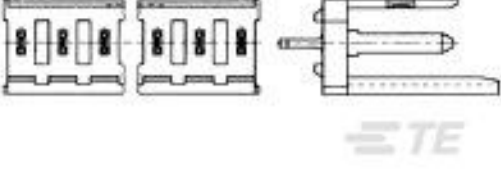
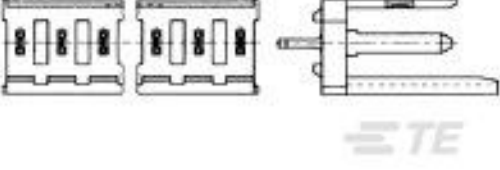
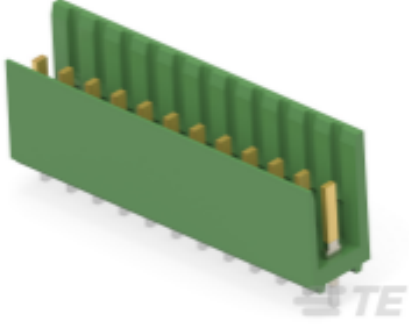
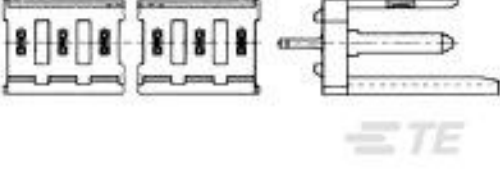
Product Compliance Disclaimer

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 # 843473-1 EXTRACTION TOOL	 TE Part # 280612-2 8P MOD 1 SHROUDED HEADER, ST, 0.4 Au	 TE Part # 280611-2 6P MOD 1 SHROUDED HEADER, ST, 0.4 Au	 TE Part # 280616-1 4P MOD 1 P.S.ASSY.
 TE Part # 280594 AMP MODU MOD I RECEPT HSG	 TE Part # 280592 AMPMODU I RECEPTACLE HOUSING.	 TE Part # 280593 AMP MODU MOD I RECEPT HSG	 TE Part # 280612-1 8P MOD 1 SHROUDED HEADER, ST, TIN PLTD
 TE Part # 280618-2 MOD I INCREMENTAL ASSY	 TE Part # 280595 AMP MODU MOD I RECEPT HSG	 TE Part # 280616-2 MOD I INCREMENTAL ASSY	 TE Part # 280610-2 4P MOD 1 SHROUDED HEADER, ST, 0.4 Au
 TE Part # 280613-1 10P MOD 1 SHROUDED HEADER, ST, TIN PLTD	 TE Part # 280617-2 MOD I INCREMENTAL ASSY	 TE Part # 280614-2 12P MOD 1 SHROUDED HEADER, ST, 0.4 Au	 TE Part # 280609-2 2P MOD 1 SHROUDED HEADER, ST, 0.4 Au



TE Part # 280591
AMPMODU MOD I REC HOUSING

TE Part # 280609-1
2P MOD 1 SHROUDED HEADER, ST, TIN PLTD

TE Part # 280590
AMPMODU MOD I REC HOUSING

TE Part # 280610-1
4P MOD 1 SHROUDED HEADER, ST, TIN PLTD

Also in the Series | AMPMODU MOD 1

Automotive Terminals(4)

Board-to-Board Jumpers & Shunts(5)

Connector Contacts(108)

Connector Hardware(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(341)

Wire-to-Board Connector Assemblies & Housings(32)

Customers Also Bought

TE Part # 1676625-5
HSA25 R05 5%

TE Part # 213283-2
HARDWARE KIT, DRAWER CONN

TE Part # 280594
AMP MODU MOD I RECEPT HSG

TE Part # 280592
AMPMODU I RECEPTACLE HOUSING.

TE Part # 280593
AMP MODU MOD I RECEPT HSG

TE Part # 280595
AMP MODU MOD I RECEPT HSG

TE Part # 280591
AMPMODU MODU I REC HOUSING

TE Part # 1827525-1
MECHATROLINK II CONNECTOR KIT



Documents

Product Drawings

MOD 1 CONTACT REC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_181299-2_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_181299-2_N1.3d_stp.zip

English

Customer View Model

ENG_CVM_181299-2_N1.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English