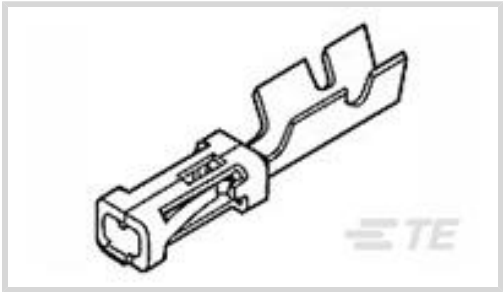




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Applied Pressure	Standard
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Contact Length	11.93 mm[.47 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Size	.64mm



Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	3 A
Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
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

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	394.71 – 1184.12 CMA
Compatible Insulation Diameter Range	1.75 mm[.069 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
-----------------------------	----------------------------

Operation/Application

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

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
---	-----------------------

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag/Box

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 # 91516-1
CCII MOD IV REC 30-20 ASSY

TE Part # 843996-3
TOOL, EXTRACTION RESET

Also in the Series | AMPMODU IV/V

Backplane Connector Housings(1)

Board-to-Board Headers & Receptacles(143)

Connector Contacts(211)

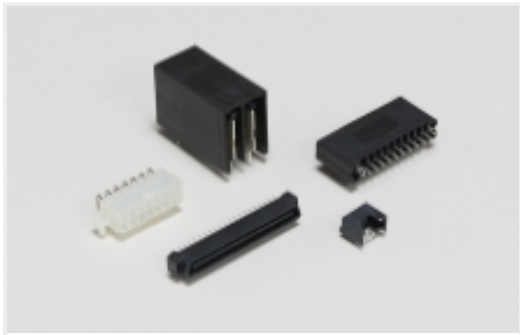
Connector Hardware(8)



Power Contacts(171)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)



Wire-to-Board Connector Assemblies & Housings(295)

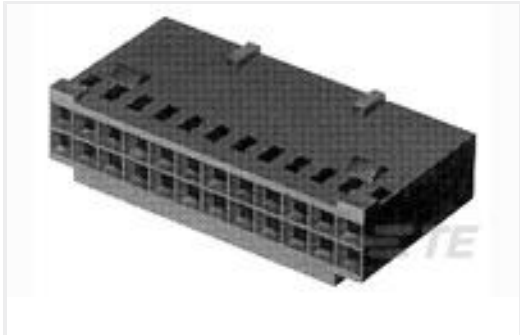
Customers Also Bought



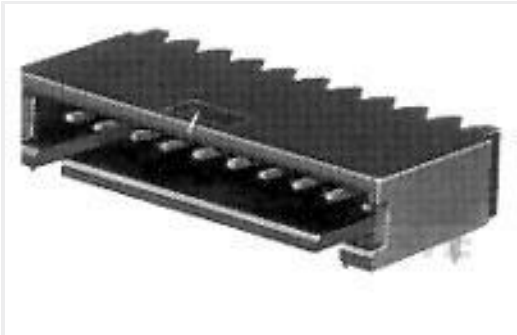
TE Part #843338-000
101A041-3/42-0



TE Part #244545-000
44AM1131-12-MST3-9CS2275



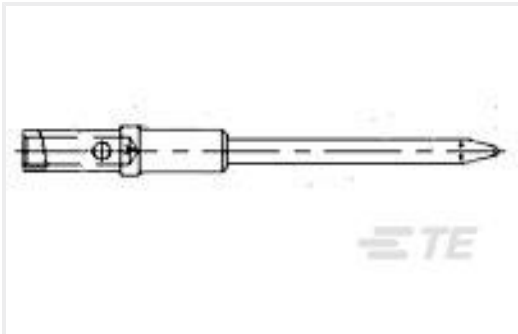
TE Part #2-87631-2
26 MODIV HSG DR MRKD .100 POL



TE Part #5-102203-9
12 MODII HDR SRRA SHRD LF



TE Part #5-103166-6
16 MODII HDR DRRA SHRD LF



TE Part #208268-3
PIN CONT,SZ 16,NIC 600



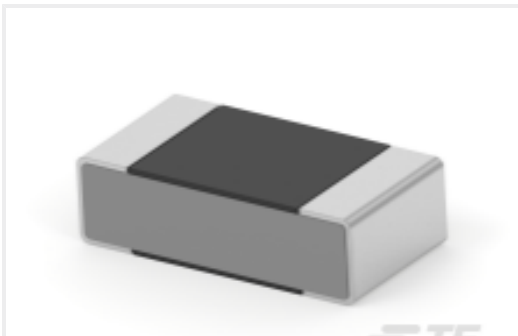
TE Part #2-1437624-0
PKAP70B1/4=KNOB LEX W/POINTER



TE Part #1-1469267-1
GUIDE MODULE VERT MALE SHORT P



TE Part #5-1676913-2
YR1 0.1% 255K



TE Part #6-1879417-8
CPF0603 604K 0.1% 25PPM 1K RL

Documents

Product Drawings

MOD IV RECP LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_86016-2_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_86016-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86016-2_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT](#)

English

Product Specifications

[Application Specification](#)

English