102316-6 ✔ ACTIVE

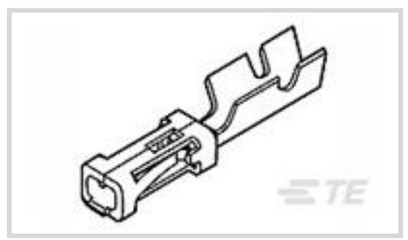
AMPMODU | AMPMODU IV/V

TE Internal #: 102316-6

Socket Contact, Gold, 250 VAC, Discrete Wire, 32 - 27 AWG Wire Size, .03 - .1 mm² Wire Size, 59.2 - 197.35 CMA Wire Size, Crimp, AMPMODU IV/V

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Tin-Lead over Nickel**

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

Applied Pressure	Standard

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

Mating Square Post Dimension	.64 mm[.025 in]
	100 - 200 µin
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin-Lead over Nickel
Contact Base Material	Copper Tin Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	59.2 - 197.35 CMA

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	12500
Packaging Method	Reel

Product Compliance

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

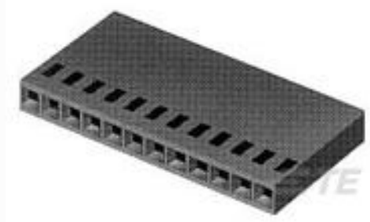
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

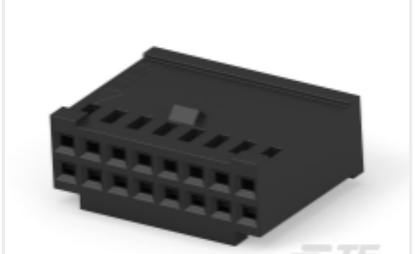
Compatible Parts



TE Part # 1-87499-7
10 MODIV HSG SR MRKD .100CL



TE Part # 1-102387-2
64 MODIV HSG COMP DR .100 POL



TE Part # 1-87631-2
16 MODIV HSG DR MRKD .100 POL



TE Part # 87499-7
04 MODIV HSG SR MRKD .100CL



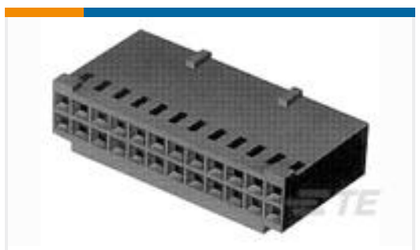
TE Part # 1-87456-5
20 MODIV HSG COMP DR .100CL



TE Part # 1-87631-6
20 MODIV HSG DR MRKD .100 POL



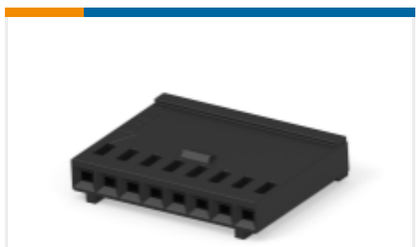
TE Part # 1-102387-0
50 MODIV HSG COMP DR .100 POL



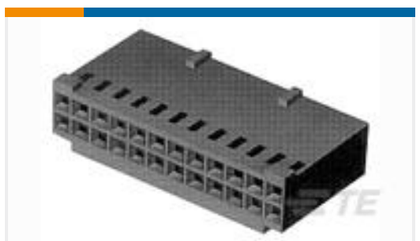
TE Part # 87977-8
20 MODIV HSG DR MRKD .100 POL



TE Part # 102387-5
24 MODIV HSG COMP DR .100 POL



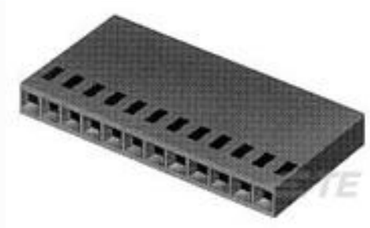
TE Part # 102241-6
08 MODIV HSG COMP SR .100 POL



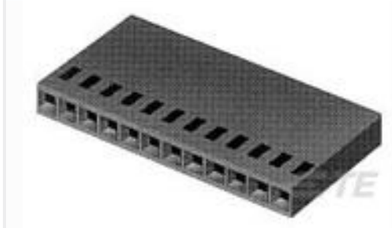
TE Part # 87977-4
12 MODIV HSG DR MRKD .100 POL



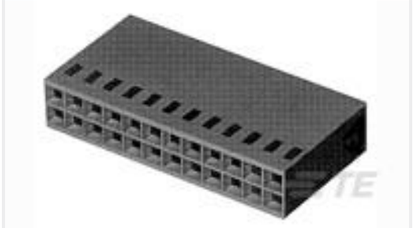
TE Part # 102387-7
30 MODIV HSG COMP DR .100 POL



TE Part # 1-87499-0
05 MODIV HSG COMP SR .100CL



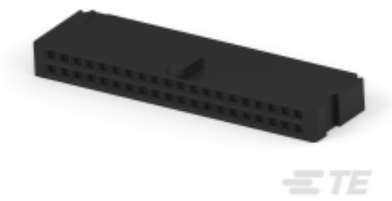
TE Part # 87499-4
02 MODIV HSG COMP SR .100CL



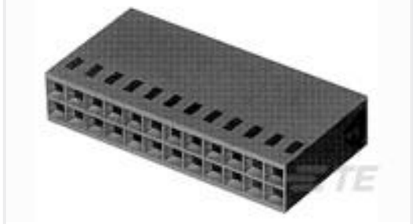
TE Part # 87456-6
10 MODIV HSG DR MRKD .100CL



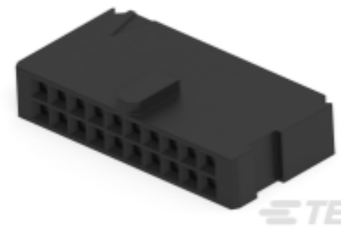
TE Part # 102387-6
26 MODIV HSG COMP DR .100 POL



TE Part # 102387-9
40 MODIV HSG COMP DR .100 POL



TE Part # 87456-1
06 MODIV HSG COMP DR .100CL



TE Part # 102387-4
20 MODIV HSG COMP DR .100 POL

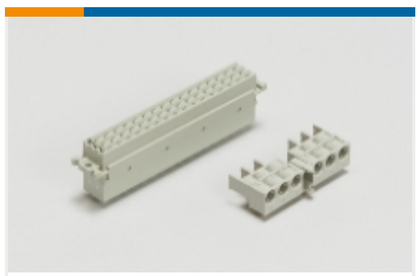


TE Part # 102387-2
14 MODIV HSG COMP DR .100 POL

Also in the Series | AMPMODU IV/V



Automotive Housings(1)



Backplane Connector Housings(1)



Connector Caps & Covers(18)



Connector Contacts(321)



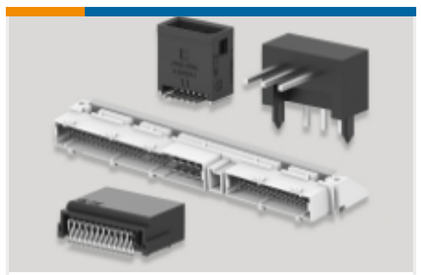
Connector Hardware(13)



Connector Strain Relief(3)



Insertion & Extraction Tools(4)



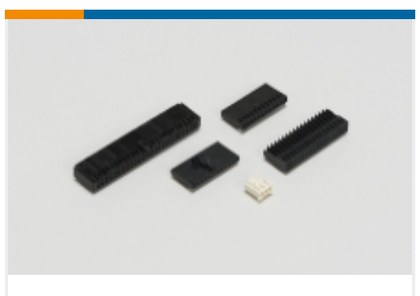
PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)

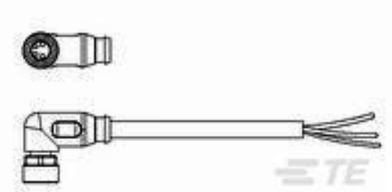


Standard Rectangular Connectors(8)

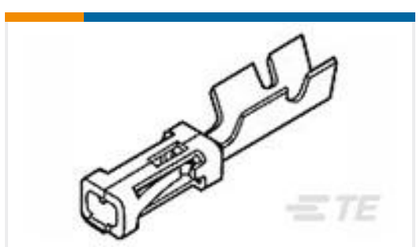


Wire-to-Board Connector Assemblies & Housings(444)

Customers Also Bought



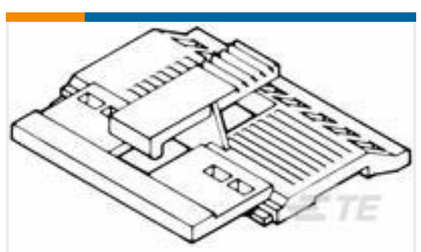
TE Part # 1-2273011-1
M8 x 1.0 Angled socket Pigtail



TE Part # 86492-6
MOD IV RECP PLTD 30 SEL



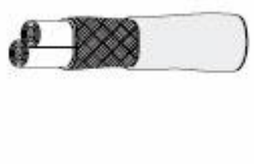
TE Part # 1586514-2
03P CMNL HDR ASSY PC NATL LF



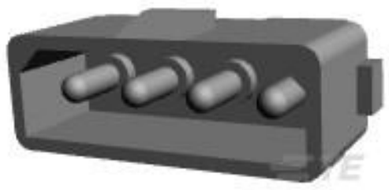
TE Part # 102681-8
26 AMPMODU MT COVER DR .100CL



TE Part # 2-2176341-5
CRGCQ 0805 1K0 1%



TE Part # 6270993001
55A1141-24-0/2/6/9-9



TE Part # 350543-1
04P CMNL HDR ASSY SHORT NATL



TE Part # A66551-000
RNF-100-MINI-SPL-1/16-BK



TE Part # CSE-SGAM-152-SGAM
SMA to SMA 152mm RG316



TE Part # CSE-SGAM-610-SGAM
SMA to SMA 610mm RG316

Documents

Product Drawings

MOD IV RECP PLTD 15 DPLX

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_102316-6_AF_c-102316-6-af.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_102316-6_AF_c-102316-6-af.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_102316-6_AF_c-102316-6-af.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

AMP MODU IV & V Section of Catalog 1307819

English

Product Specifications

Application Specification

English