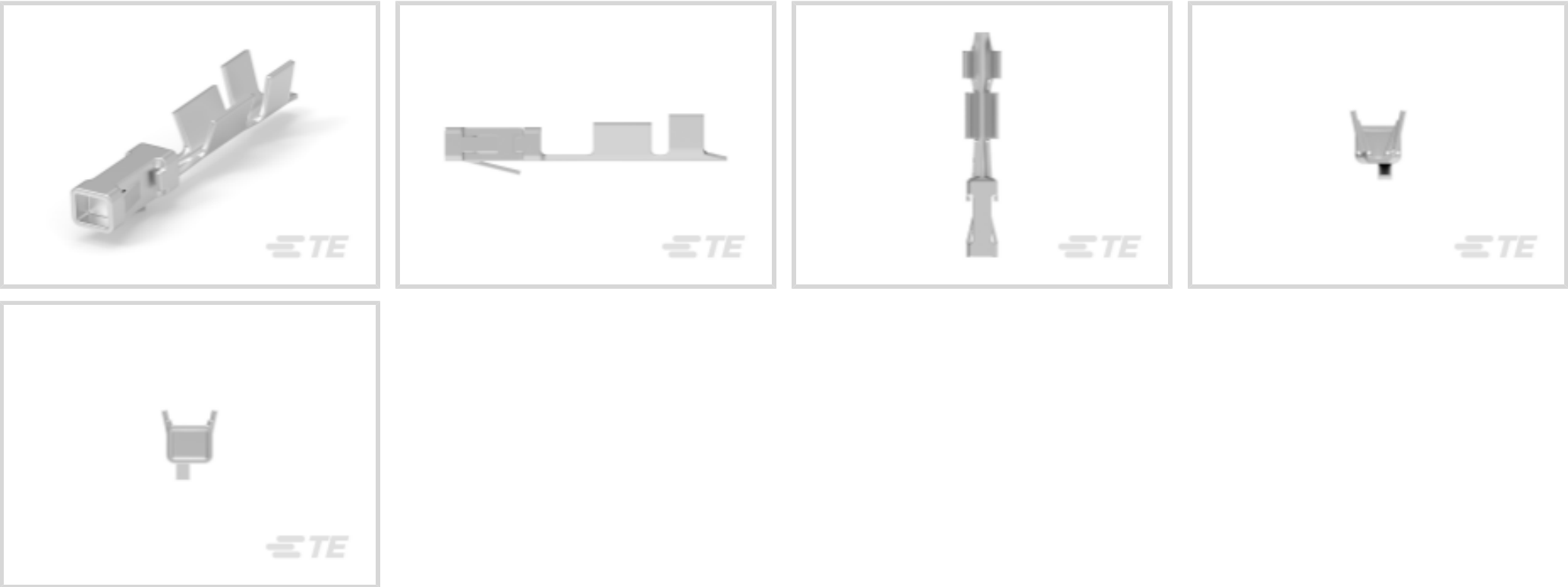




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Nickel, Tin**

Operating Voltage: **250 VAC**

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

Features

Product Type Features

Applied Pressure	Standard
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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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]
	78 – 158 μin
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Nickel, Tin



Contact Base Material	Beryllium Copper
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
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Dimensions

Wire Size	236.823 – 789.41 CMA
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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Packaging Features

Packaging Quantity	12500
Packaging Method	Reel

Product Compliance

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

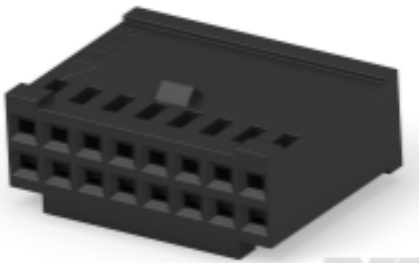
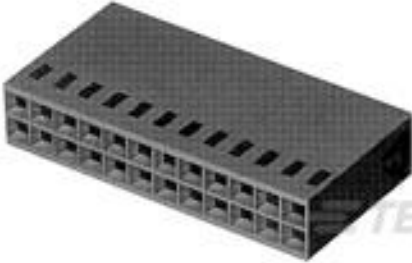
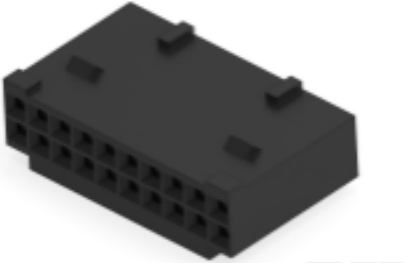
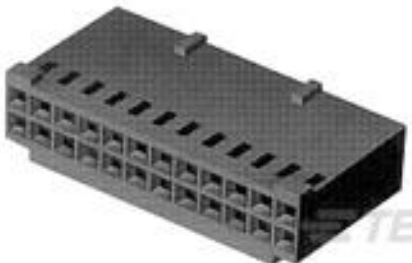
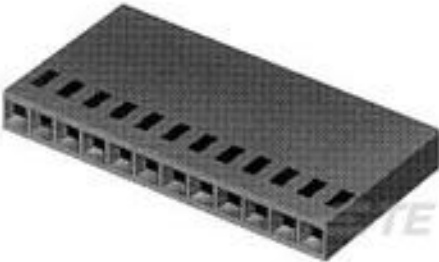
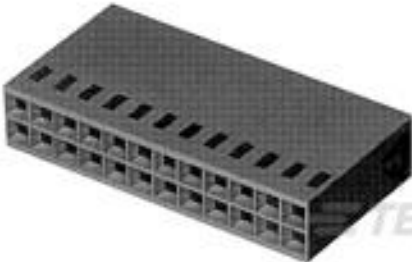
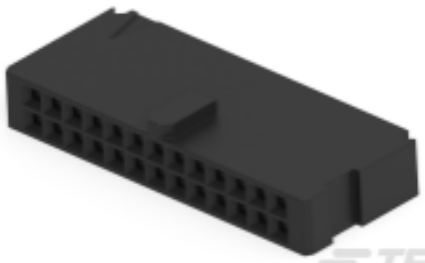
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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

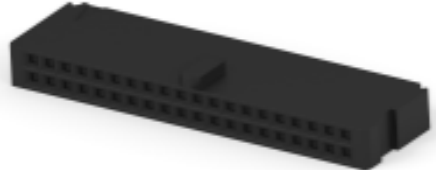


Product Compliance Disclaimer

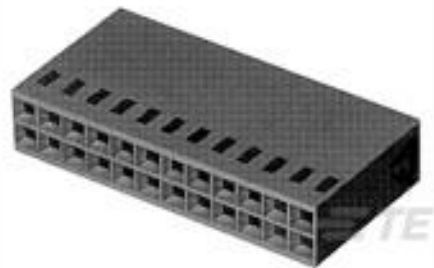
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

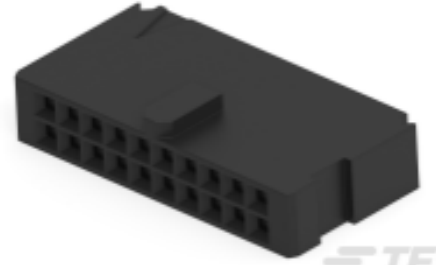
 TE Part # 1-87499-7 10 MODIV HSG SR MRKD .100CL	 TE Part # 1-102387-2 64 MODIV HSG COMP DR .100 POL	 TE Part # 1-87631-2 16 MODIV HSG DR MRKD .100 POL	 TE Part # 87499-7 04 MODIV HSG SR MRKD .100CL
 TE Part # 1-87456-5 20 MODIV HSG COMP DR .100CL	 TE Part # 1-87631-6 20 MODIV HSG DR MRKD .100 POL	 TE 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

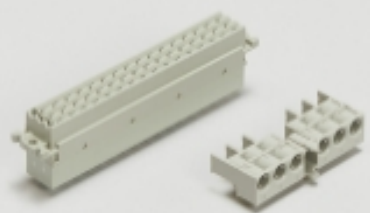


TE Part # 102387-4
20 MODIV HSG COMP DR .100 POL



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

Also in the Series | AMPMODU IV/V



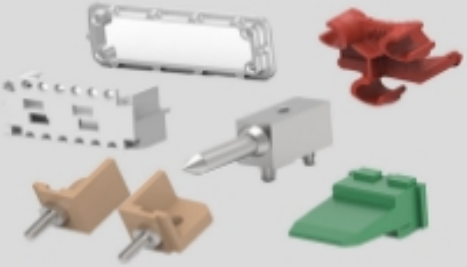
Backplane Connector Housings(1)



Connector Caps & Covers(15)



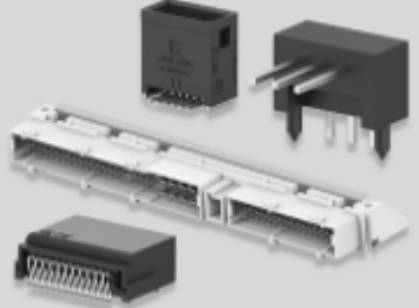
Connector Contacts(321)



Connector Hardware(13)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Assemblies & Housings(436)

Customers Also Bought



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



TE Part #1-2198618-5
Ni Pltd Plstic Backshell, 15 Way, 45 Deg



TE Part #87631-7
12 MODIV HSG COMP DR .100 POL



TE Part #206708-2
CPC PLUG,SZ 13-9,SMALL PACK



TE Part #6-103168-5
34 MODII HDR DRST SHRD .100CL

TE Part #8-321045-1
TERMINAL,PIDG R 16-14 1/4

TE Part #1-2217206-3
Blade, Slug

TE Part #2-1633917-2
ANVIL, COMBINATION

TE Part #91904-1
PREM SDE DIE, COAXICON RG 187

Documents

Product Drawings

MOD IV RECP PLTD SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87666-3_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87666-3_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87666-3_AH.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP MODU IV & V Section of Catalog 1307819

English

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English

87666-3

Socket Contact, Tin, 250 VAC, Discrete Wire, 26 – 22 AWG Wire Size, .12 – .4 mm²
Wire Size, 236.823 – 789.41 CMA Wire Size, Crimp, AMPMODU IV/V

