

102316-6 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

TE Internal #: 102316-6

Connector Contact, Socket, Wire-to-Board, 32 – 27 AWG Wire Size,  
59.2 – 197.35 CMA Wire Size, .03 – .1 mm<sup>2</sup> Wire Size, Gold, Reel,  
AMPMODU IV/V

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts

Contact Type: **Socket**

Connector System: **Wire-to-Board**

Wire Size: **.03 – .1 mm<sup>2</sup>**

## Features

### Product Type Features

Applied Pressure	Standard
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

### 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]
	15 μin
Wire Contact Termination Area Plating Material	Tin-Lead over Nickel
Contact Base Material	Copper Tin Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment



Wire Insulation Support	With
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**Dimensions**

Compatible Insulation Diameter Range	1.02 mm[.04 in]
Wire Size	.03 – .1 mm <sup>2</sup>

**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**

Approved Standards	CSA LR7189, UL E28476
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**Packaging Features**

Packaging Quantity	12500
Packaging Method	Reel

**Other**

Connector Contacts Comment	(* ) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for any tooling questions.
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**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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> 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 # 87631-6 10 MODIV HSG DR MRKD .100 POL	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

### Also in the Series | AMPMODU IV/V

Automotive Housings(2)

Backplane Connector Housings(1)

Board-to-Board Connector Contacts(6)

Connector Strain Relief(3)

Insertion & Extraction Tools(4)

PCB Connector Covers(18)

PCB Connector Keying(6)

PCB Connector Mounting(1)

PCB Headers & Receptacles(934)

PCB Latches, Locks & Retainers(7)

Rectangular Connector Housings(5)

Standard Rectangular Connectors(8)

Wire-to-Board Connector Assemblies & Housings(447)

Wire-to-Board Connector Contacts (322)

### Customers Also Bought



TE Part #120953-3  
UPM EXPANDED RCPT ASSEMBLY

TE Part #4-1393637-6  
V42254P2263C960=PC612 FEDERLEI

TE Part #7-87499-2  
01 MODIV HSG COMP SR .100CL

TE Part #6-1879208-8  
CPF 0402 6K2 0.1% 25PPM 1K RL

TE Part #1676154-2  
RN 0805 110K 0.1% 10PPM 1KRL

TE Part #1676251-2  
RN 0805 210R 0.1% 10PPM 1KRL

TE Part #1676378-2  
RN 0805 56R2 0.1% 10PPM 1KRL

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

TE Part #5069872029  
CGPT-19/9.5-0-STK

## 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

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### Datasheets & Catalog Pages



## AMP MODU IV & V Section of Catalog 1307819

English

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### Product Specifications

#### Application Specification

English

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### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English