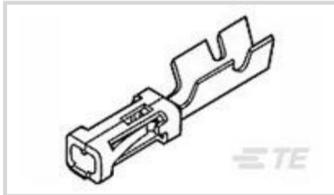




Connectors > Contacts > Connector Contacts



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
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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

Contact Length	11.3 mm[.445 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	.38 μm[15 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	59.2 – 197.35 CMA
Compatible Insulation Diameter Range	.5 – 1.02 mm[.02 – .04 in]

### 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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 5-87631-8  
72 MODIV HSG DR MRKD .100 POL



TE Part # 1-86177-8  
06 MODIV HSG COMP DR .100CL



TE Part # 4-87977-9  
52 MODIV HSG COMP DR .100 POL



TE Part # 4-87977-1  
32 MOD IV HSG COMP DR .100 POL



TE Part # 4-87977-6  
42 MODIV HSG COMP DR .100 POL



TE Part # 4-87456-3  
42 MODIV HSG COMP DR .100CL



TE Part # 6-87977-0  
58 MODIV HSG COMP DR .100 POL



TE Part # 1-102387-5  
22 MODIV HSG COMP DR .100 POL




TE Part # 6-87456-1  
 56 MODIV HSG COMP DR .100CL



TE Part # 4-87977-2  
 34 MODIV HSG COMP DR .100 POL



TE Part # 4-87977-3  
 36 MODIV HSG COMP DR .100 POL



TE Part # 5-87977-0  
 54 MODIV HSG COMP DR .100 POL



TE Part # 1-87977-9  
 42 MODIV HSG DR MRKD .100 POL



TE Part # 3-87631-4  
 38 MODIV HSG DR MRKD .100 POL



TE Part # 2-87977-7  
 72 MODIV HSG DR MRKD .100 POL



TE Part # 4-87631-6  
 54 MODIV HSG DR MRKD .100 POL



TE Part # 6-87631-0  
 48 MODIV HSG DR MRKD .100 POL



TE Part # 87977-9  
 22 MODIV HSG DR MRKD .100 POL

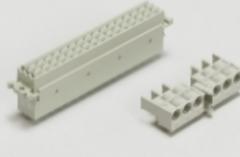


TE Part # 102387-1  
 10 MODIV HSG COMP DR .100 POL



TE Part # 102387-8  
 34 MODIV HSG COMP DR .100 POL

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



Backplane Connector Housings(1)



Connector Caps & Covers(5)



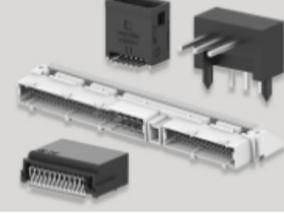
Connector Contacts(178)



Connector Hardware(8)



Insertion & Extraction Tools(4)

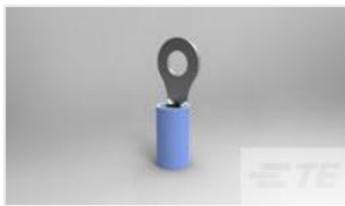


PCB Headers & Receptacles(125)

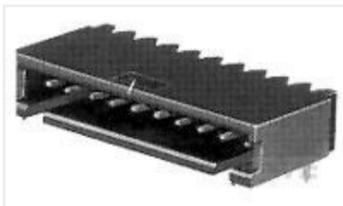


Power Contacts(140)

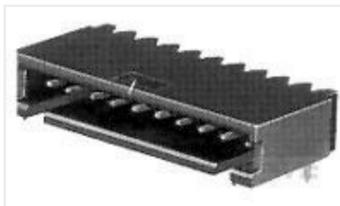
Customers Also Bought



TE Part #51864-5  
TERMINAL,PIDG R 16-14 8



TE Part #5-102203-3  
06 MODII HDR SRRA SHRDLF



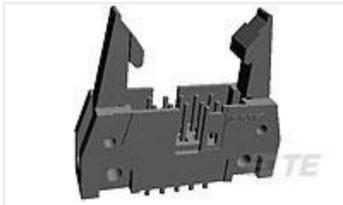
TE Part #5-102523-1  
04 MODII HDR SRRA SHRDL .100CL



TE Part #173977-4  
CT CONN MT REC ASSY 4P



TE Part #1-487937-0  
010 HOUSING FFC 50CL DR LATCH



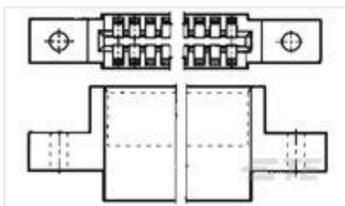
TE Part #499206-1  
010 UNIV HDR SP 4S 30DP STD L1



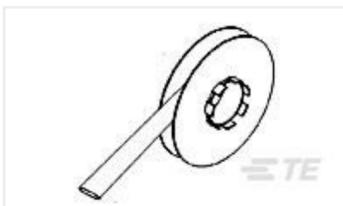
TE Part #1658611-4  
09 POS HDF PLUG, AP, LEAD FREE



TE Part #2040305-1  
INDUSTRIAL USB PLUG KIT BULK  
PACK STYLE



TE Part #1-583718-5  
TW LEAF CRP HSG. 40-POS.



TE Part #398741-000  
TTMS-9.5-9

## Documents

### Product Drawings

[MOD IV RECP PLTD 15 SEL](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_102917-5\\_AD.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_102917-5\\_AD.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_102917-5\\_AD.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages



[AMP MODU IV & V Section of Catalog 1307819](#)

English

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

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[Product Specifications](#)

[Application Specification](#)

English