



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **250 VAC**
Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

Applied Pressure	Intermediate
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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]
	100 – 200 μin
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Tin Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With

Dimensions	
Wire Size	394.71 – 1184.12 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	5000
Packaging Method	Loose Piece

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 # 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)

Connector Caps & Covers(11)

Connector Contacts(303)

Connector Hardware(12)

Insertion & Extraction Tools(4)

PCB Headers & Receptacles(593)

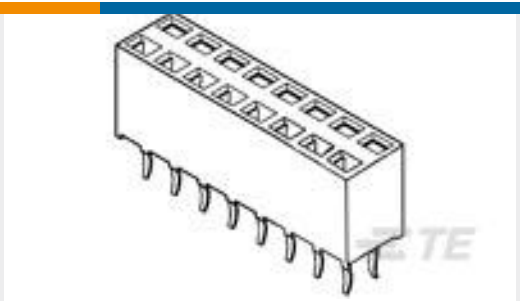
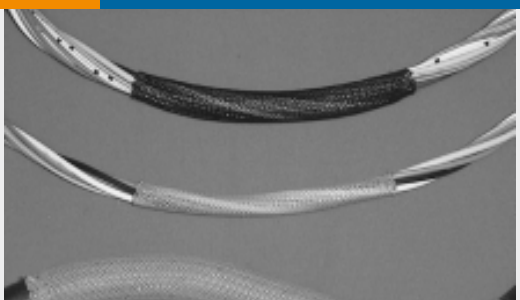
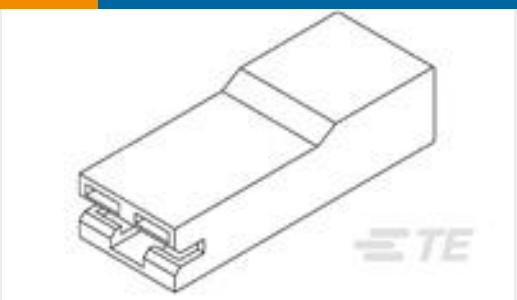
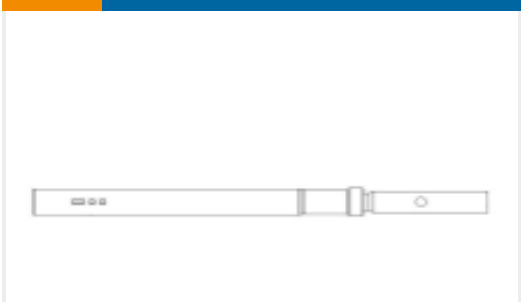
Rectangular Connector Housings(5)

Standard Rectangular Connectors(3)

Wire-to-Board Connector Assemblies & Housings(416)

Customers Also Bought



 TE Part #1-794611-2 MICRO MNL RPT CNT,LS PC,30AU L	 TE Part #34155 PG SPD 22-16 COMM 22-18 MIL 8	 TE Part #1-215307-6 2X16P HV100 REC CON. TE, 7.0MM	 TE Part #350699-7 UMNL SPLIT PIN AUNI/BR
 TE Part #1838893-1 M12 Mtl MALE PNL CONN. Sldr Re	 TE Part #CONSMA002-SMD-G-T SMA Jack 50 Ohm PCB Surface Mount	 TE Part #CH02044001 VERSAFLEX-1/2-0-SP	 TE Part #521120-1 PL 250 HOUSING RECEPTACLE NYLON 6/6
 TE Part #226335-000 CTA-0166	 TE Part #Y6462-242-22341000 CONT SOC ASSY		

Documents

Product Drawings

MOD IV RECP LP, 30 Au, TIN, RoHS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_2-87195-6_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_2-87195-6_M.3d_igs.zip

English

Customer View Model

ENG_CVM_2-87195-6_M.3d_stp.zip

English

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

Datasheets & Catalog Pages

2-87195-6

Socket Contact, Gold, 250 VAC, Discrete Wire, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, 394.71 – 1184.12 CMA Wire Size, Crimp, AMPMODU IV/V



AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English