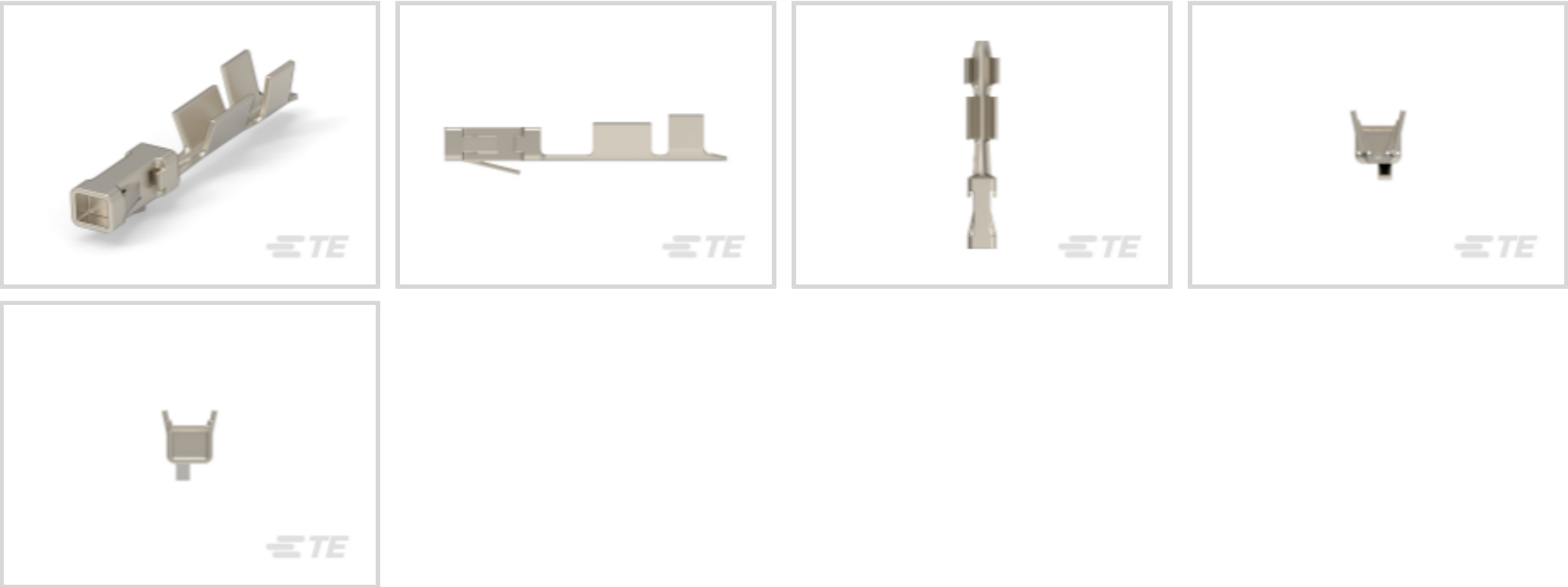




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Gold Flash**
Operating Voltage: **250 VAC**
Contact Retention Within Housing: **With**

Features

Industry Standards

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

Packaging Quantity	12500
Packaging Method	Reel

Product Type Features

Discrete Wire Type	Stranded
Applied Pressure	Standard
Sealable	No

Dimensions

Compatible Insulation Diameter Range	1.55 mm[.061 in]
Wire Size	236.823 – 789.41 CMA

Mechanical Attachment

Wire Insulation Support	With
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Contact Retention Type Within Housing	Locking Lance
Electrical Characteristics	
Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC
Contact Features	
Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Length	11.3 mm[.445 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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
Configuration Features	
Compatible With Wire & Cable Type	Discrete Wire
Termination Features	
Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable
Usage Conditions	
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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 # 58641-1
PRO-CRIMP TL & DIE MOD IV

TE Part # 2151307-1
OCEAN_2.0_APPLICATOR-S-042F062O-RSM

TE Part # 91517-1
CCII FEMALE MOD IV REC 24-22 ASSY

TE Part # 843996-3
TOOL, EXTRACTION RESET



TE Part # 58641-2

[PROCrimp DIE MOD IV](#)

TE Part # 2151307-2

[OCEAN_2.0_APPLICATOR-S-042F062OA-RSA](#)

KIT

TE Part # 7-2151027-7

[OC-042F062O-CRIMPTOOLINGKIT](#)

KIT

TE Part # 7-2151307-7

[OCEAN_2.0_SPARE_PART_KIT-042F062O](#)

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

[Backplane Connector Housings\(1\)](#)

[Connector Caps & Covers\(11\)](#)

[Connector Contacts\(271\)](#)

[Connector Hardware\(11\)](#)

[Insertion & Extraction Tools\(4\)](#)

[PCB Headers & Receptacles\(517\)](#)

[Rectangular Connector Housings\(5\)](#)

[Standard Rectangular Connectors\(3\)](#)

[Wire-to-Board Connector Assemblies & Housings\(394\)](#)

Customers Also Bought

TE Part #3-6609106-1

[PS0S0DHX0=C1179](#)

TE Part #1-640454-4

[14P MTA100 HDR ASSY SQ STR POL](#)

TE Part #1-745496-9

[PLUG ASSY,25P,HDE,MS](#)

TE Part #52922

[TERMINAL,PIDG SPR SPD 26-22 4](#)



TE Part #8-320562-2
SPLICE BUTT PIDG 16-14



TE Part #5-102617-8
20 MODII HDR DRRA SHRD LF



TE Part #3-644465-6
06P MTA156 CONN ASSY 18AWG ORA



TE Part #7-1393254-7
W92-X112-30=M6/M7/M9/W6/W7



TE Part #6-534206-0
20 MODII VRT DR CE 100/115



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

Documents

Product Drawings

MOD IV RECP PLTD 15 SEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87666-5_AH.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87666-5_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87666-5_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

87666-5

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention, .64mm Contact Size, Discrete Wire, 26 – 22 AWG Wire Size, AMPMODU IV/V

