



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Contact Termination Area Plating Material: **Gold Flash**

Operating Voltage: **40 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Termination Resistance	7 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	40 VAC

Contact Features

Mating Square Post Dimension	.63 mm[.025 in]
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Base Material	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
Contact Retention Type Within Housing	Locking Lance
Dimensions	
Compatible Insulation Diameter Range	.9 – 1.55 mm[.035 – .061 in]
Wire Size	509.5 – 254.1 CMA
Usage Conditions	
Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
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

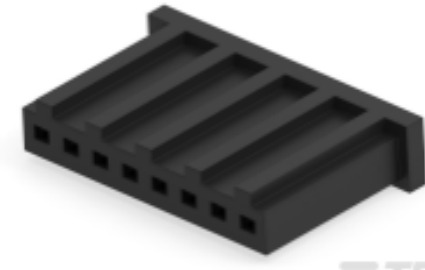
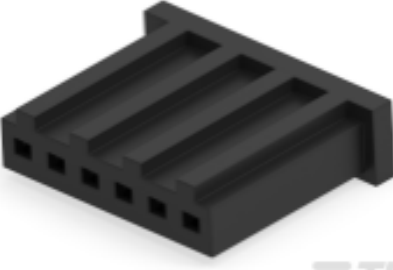
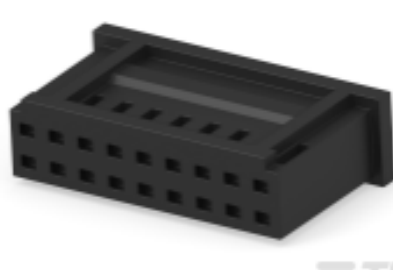
Product Compliance Disclaimer

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 # 58535-1 PRO-CRIMPER ASSY MODU MODII	 TE Part # 280514 AMPMODU II REC. HSG, SINGLE ROW, 12 POS.	 TE Part # 280366 AMPMODU II REC. HSG DUAL ROW, 16 POS.	 TE Part # 280365 AMPMODU, DBL ROW, CONTACT REC
 TE Part # 280361 AMPMODU II REC. HSG, SINGLE ROW 8 POS	 TE Part # 280360 AMPMODU II REC. HSG, SINGLE ROW 6 POS	 TE Part # 280513 AMPMODU II REC. HSG, DUAL ROW, 18 POS	 TE Part # 280359 AMPMODU II REC. HSG, SINGLE ROW, 4 POS.
 TE Part # 280368 AMPMODU II REC. HSG, DUAL ROW, 30 POS.	 TE Part # 280363 AMPMODU II REC. HSG, SINGLE ROW, 15 POS.	 TE Part # 284123-1 AMPMODU II REC. HSG, DUAL ROW, 10 POS.	 TE Part # 58654-1 PRO-CRIMP TL & DIE MOD II
 TE Part # 280362 AMPMODU II REC. HSG, SINGLE ROW, 10 POS.	 TE Part # 280358 AMPMODU II REC. HSG, SINGLE ROW 2 POS	 TE Part # 280512 AMPMODU II REC. HSG, SINGLE ROW, 9 POS.	 TE Part # 281018 AMPMODU II REC. HSG, DUAL ROW, 36 POS.



TE Part # 58535-2
PRO-CRIMPER ASSY MODU

TE Part # 280515
AMPMODU II REC. HSG, DUAL ROW, 24 POS.

TE Part # 280364
AMPMODU II COSI REC. HSG, SGL ROW, 22POS

TE Part # 58654-2
PRO-CRIMPER DIE SET ONLY

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 #2205070-1
CA MICRO-MATCH MOW-PB 8POS

TE Part #4-1609153-9
PS0S0DM6E=C7093

TE Part #3-1879234-8
SMF5 18K 5%

TE Part #280366
AMPMODU II REC. HSG DUAL ROW, 16 POS.



TE Part #280365
AMPMODU, DBL ROW, CONTACT
REC

TE Part #9-1768033-1
LEB-1743P-8A

TE Part #4-1393659-7
V42254B1202R963=PC612 MESSERLE

TE Part #86454-000
FFCS-03 FLOW SWITCH

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_181270-2_AN_c-181270-2-an.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_181270-2_AN_c-181270-2-an.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_181270-2_AN_c-181270-2-an.3d_stp.zip

English

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

Product Specifications

Application Specification

English