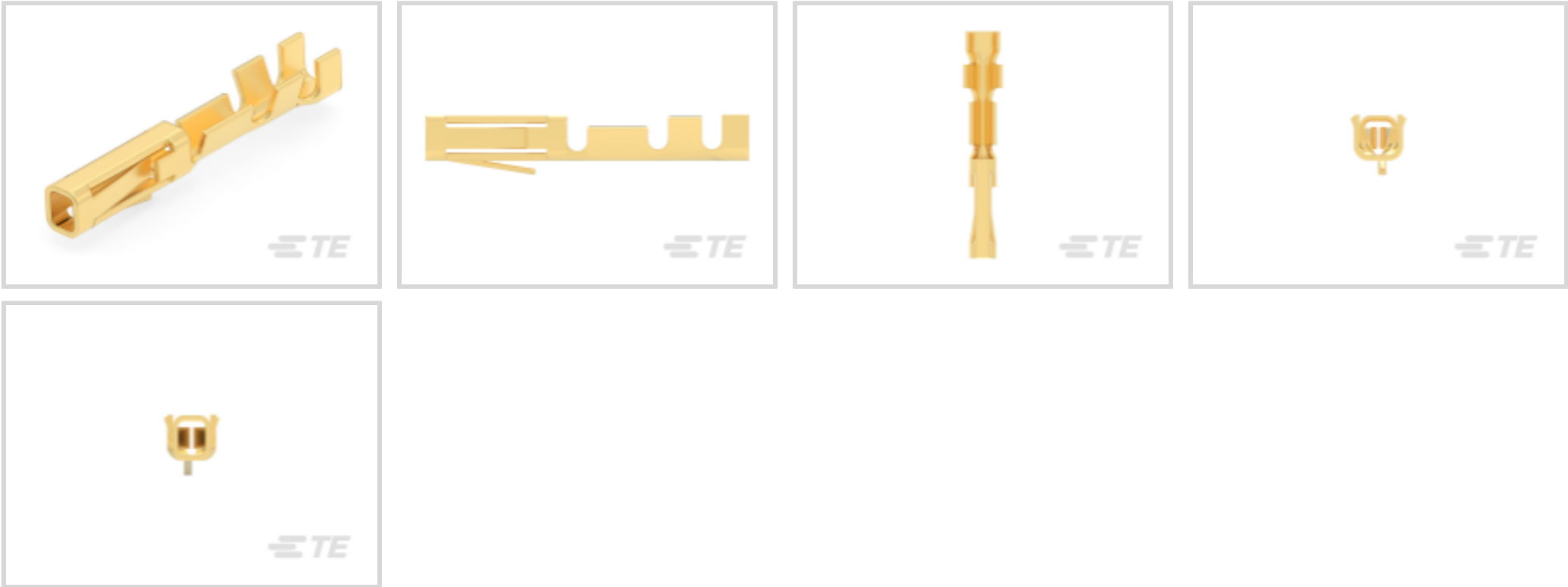




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.05 – .09 mm²**

Termination Method to Wire & Cable: **Crimp**

Features

Product Type Features

Applied Pressure	Standard
------------------	----------

Contact Features

Contact Mating Area Plating Material Thickness	.4 μm[15.748 μin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

--	--



Wire Insulation Support	With
PCB Mount Retention	Without

Dimensions

Compatible Insulation Diameter Range	1.75 mm[.069 in]
Wire Size	.05 – .09 mm²

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Quantity	2000
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com>

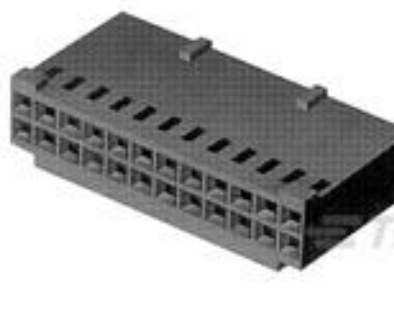
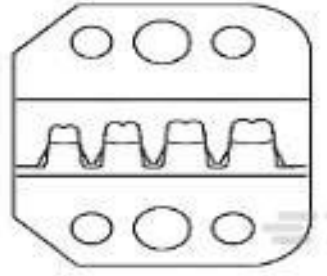
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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>

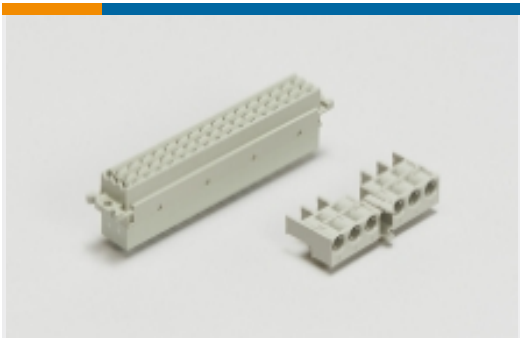


Compatible Parts

 TE Part # 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 # 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	 TE Part # 172656-2 REC CONT MODU MOD 2 (PRE-TIN)	 TE Part # 280369 AMPMODU II REC. HSG, DUAL ROW, 44 POS.



Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Connector Caps & Covers(15)



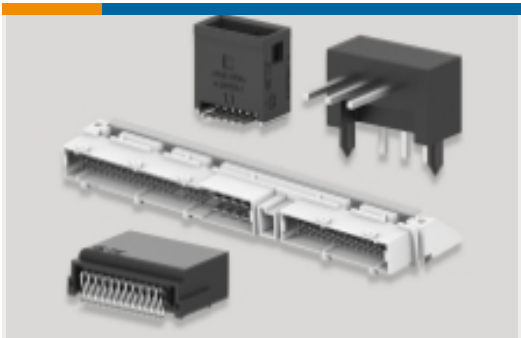
Connector Contacts(321)



Connector Hardware(13)



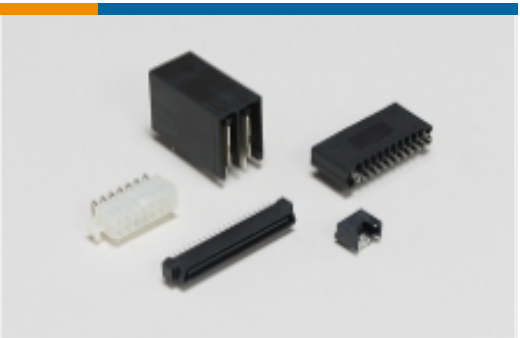
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Assemblies & Housings(436)

Customers Also Bought



TE Part #2-6609115-3
6EGG1-2=F7386D



TE Part #5747842-2
25 MSFL PLUG RA 318 (FM,BL)



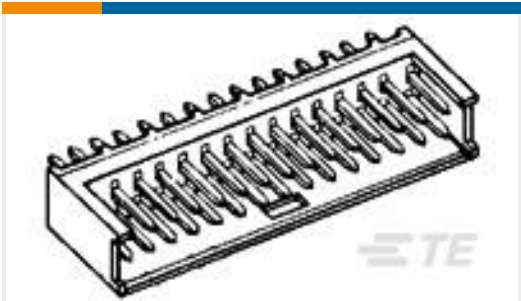
TE Part #5-1419111-1
PT270730



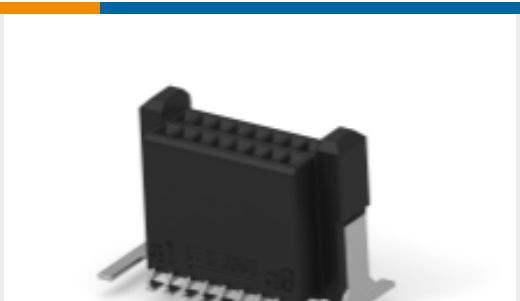
TE Part #7-1625890-1
2W SM M/OX 5% 82R



TE Part #181270-3
MOD 2 BUCHSE



TE Part #280388-2
2X22P MODU II SHRD HDR,ST, 0.38AU



TE Part #454925-E
DRCB 0,80 16 F SMD F6 137 E009 094 GU-H



TE Part #5-2176245-5
CRGS1206 5% 33K



Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_181271-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_181271-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_181271-2_A.2d_dxf.zip

English

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

Product Specifications

Application Specification

English