



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Gold Flash**
Operating Voltage: **40 VDC**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Applied Pressure	Standard
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	40 VDC
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Underplating Material Thickness	1.3 µm[51.18 µin]
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Length	12 mm[.472 in]
Contact Orientation	Straight
Contact Underplating Material	Nickel



Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold Flash
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
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	.89 – 1.55 mm[.035 – .061 in]
Wire Size	254.1 – 642.5 CMA

Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Quantity	40000
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

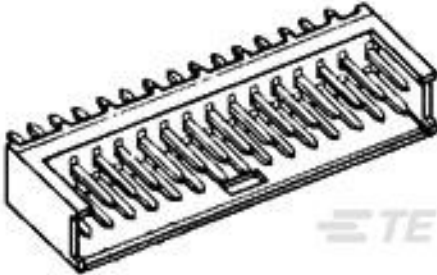
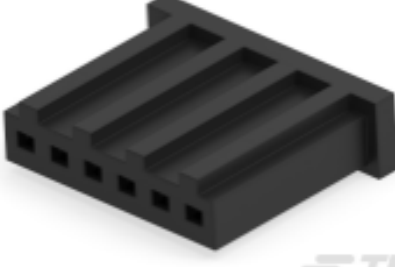
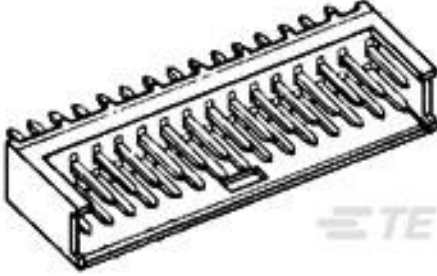


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 280521-1 2X12P AMPMODU II SHRD HDR, ST, TIN	 TE Part # 280515 AMPMODU II REC. HSG, DUAL ROW, 24 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 # 280509-1 BARRE MODU 2 2X 9	 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 # 280362
AMPMODU II REC. HSG, SINGLE ROW, 10 POS.



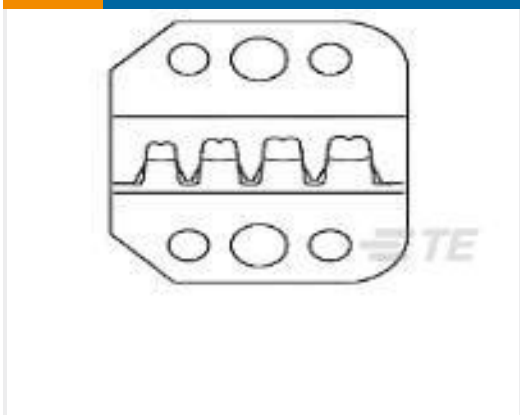
TE Part # 280358
AMPMODU II REC. HSG, SINGLE ROW 2 POS



TE Part # 280512
AMPMODU II REC. HSG, SINGLE ROW, 9 POS.



TE Part # 281018
AMPMODU II REC. HSG, DUAL ROW, 36 POS.

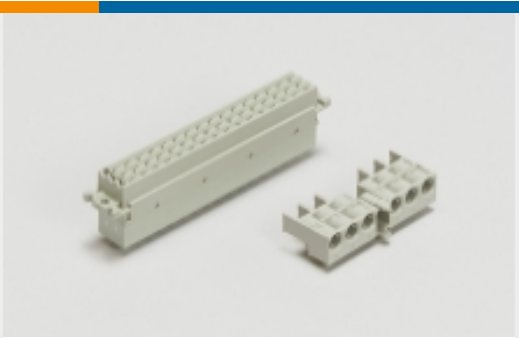


TE Part # 58535-2
PRO-CRIMPER ASSY MODU



TE Part # 7-2151969-7
OCEAN_2.0_SPARE_PART_KIT-055F062O

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Connector Caps & Covers(11)



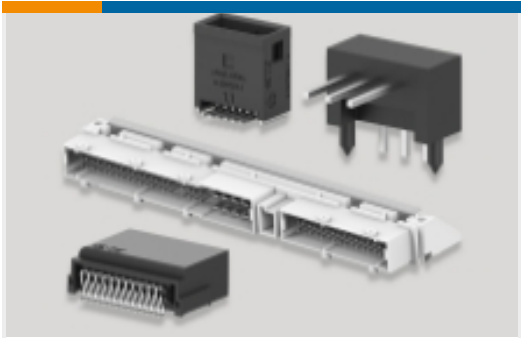
Connector Contacts(303)



Connector Hardware(12)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(593)



Rectangular Connector Housings(5)



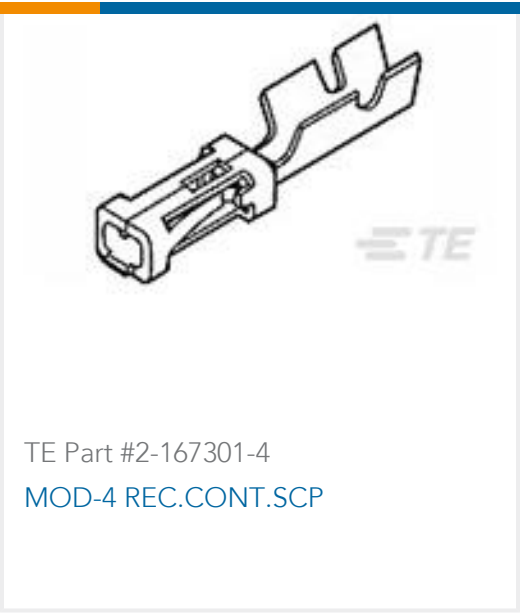
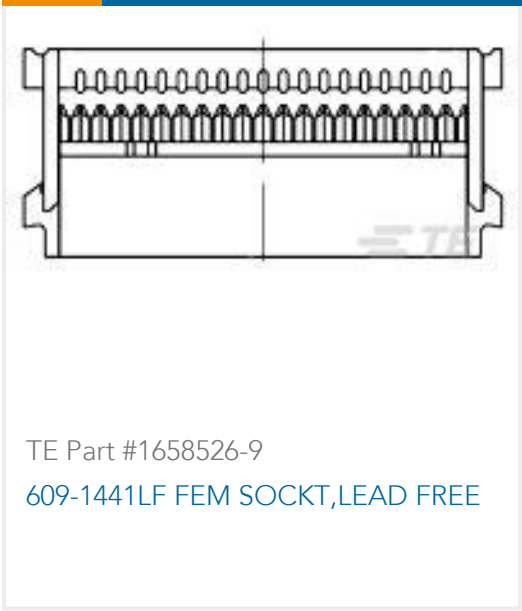
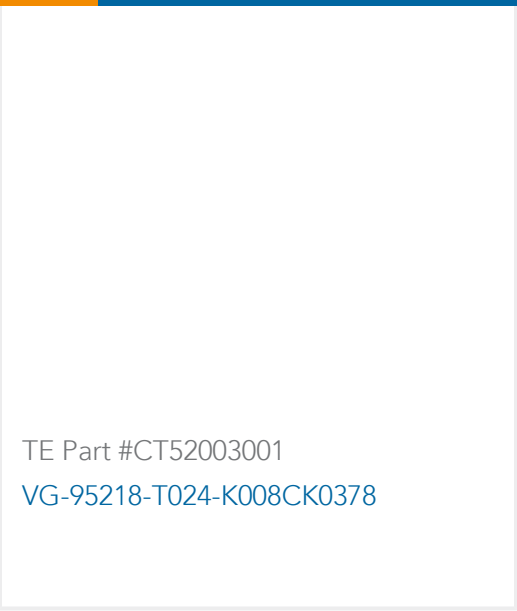
Standard Rectangular Connectors(3)



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

Customers Also Bought



 TE Part #1-1600961-7 CONT 12-16 AWG PWR, MFBL PLATE	 TE Part #170361-3 MINI UNIVERSAL M-N-L SOCKET	 TE Part #2-167301-4 MOD-4 REC.CONT.SCP	 TE Part #1676184-2 RN 0805 140K 0.1% 10PPM 1KRL
 TE Part #1658526-9 609-1441LF FEM SOCKET, LEAD FREE	 TE Part #4-2176523-6 3503G 2B 150R 1% 1K RL	 TE Part #0029813001 VG-95218-T020-A009	 TE Part #CT52003001 VG-95218-T024-K008CK0378

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280530-4_AN_c-280530-4-an.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280530-4_AN_c-280530-4-an.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280530-4_AN_c-280530-4-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