



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Operating Voltage: **40 VDC**
Contact Retention Type Within Housing: **Locking Lance**

Features

Packaging Features

Packaging Quantity	40000
Packaging Method	Reel

Product Type Features

Discrete Wire Type	Solid or Stranded
Applied Pressure	Standard
Sealable	No

Dimensions

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Contact Features

Contact Underplating Material	Nickel
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Contact Orientation	Straight
Contact Underplating Material Thickness	1.3 µm[51.18 µin]
Contact Mating Area Plating Material Thickness	.4 µm[15.74 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Length	12 mm[.472 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Electrical Characteristics

Operating Voltage	40 VDC
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

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

Usage Conditions

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

Circuit Application	Signal
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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 # 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

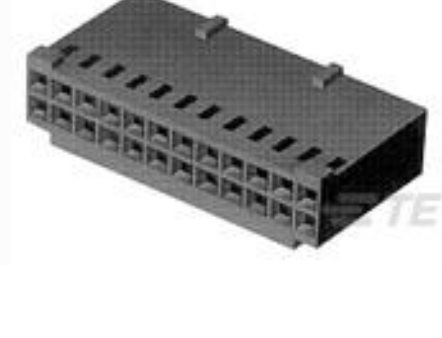
TE Part # 280515
AMPMODU II REC. HSG, DUAL ROW, 24 POS.

TE Part # 280360
AMPMODU II REC. HSG, SINGLE ROW 6 POS

TE Part # 280513
AMPMODU II REC. HSG, DUAL ROW, 18 POS



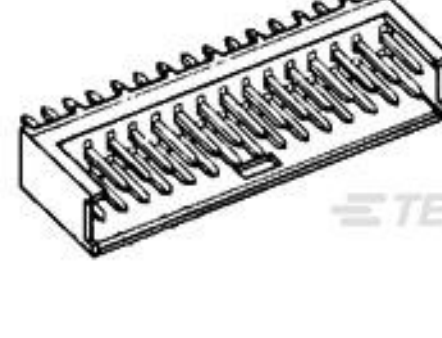
TE Part # 280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



TE Part # 280368
AMPMODU II REC. HSG, DUAL ROW, 30 POS.



TE Part # 280363
AMPMODU II REC. HSG, SINGLE ROW, 15 POS.



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



TE Part # 284123-1
AMPMODU II REC. HSG, DUAL ROW, 10 POS.



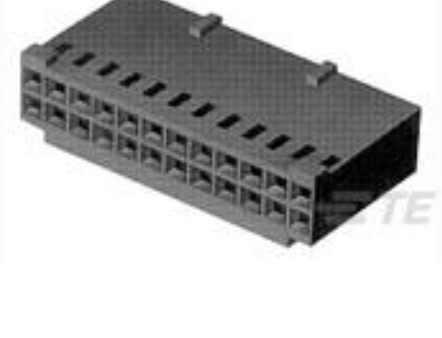
TE Part # 280362
AMPMODU II REC. HSG, SINGLE ROW, 10 POS.



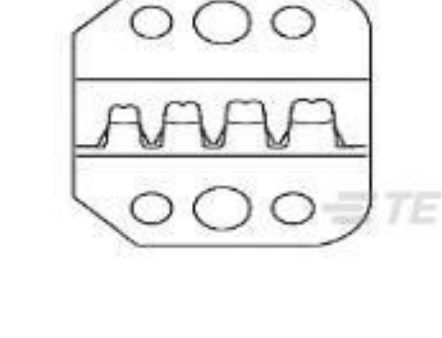
TE Part # 280358
AMPMODU II REC. HSG, SINGLE ROW 2 POS



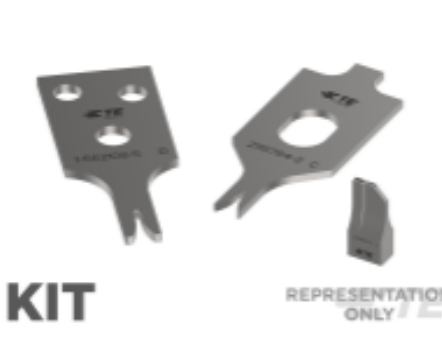
TE Part # 280512
AMPMODU II REC. HSG, SINGLE ROW, 9 POS.



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



TE Part # 58535-2
PRO-CRIMPER ASSY MODU

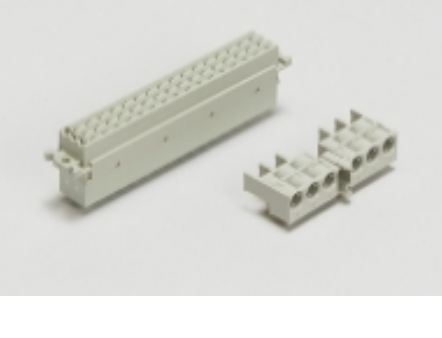


TE Part # 7-2151969-7
OCEAN_2.0_SPARE_PART_KIT-055F0620



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

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)

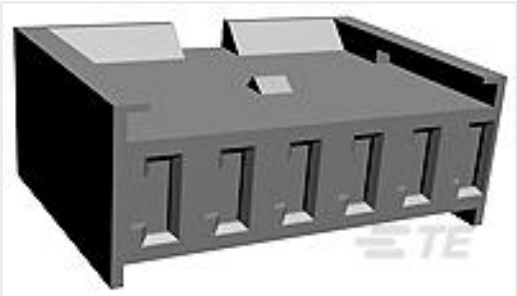


Standard Rectangular Connectors(3)



Wire-to-Board Connector Assemblies & Housings(394)

Customers Also Bought



TE Part #280592
AMPMODU I RECEPTACLE HOUSING.



TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



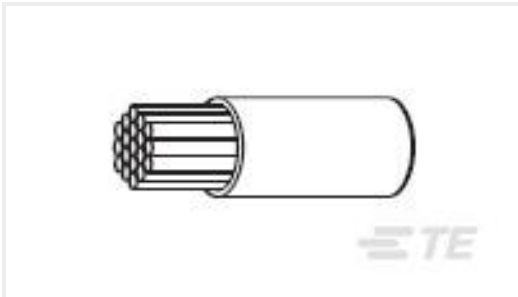
TE Part #1-1123723-5
3.96 EP HDR ASSY 5P(NATURAL)



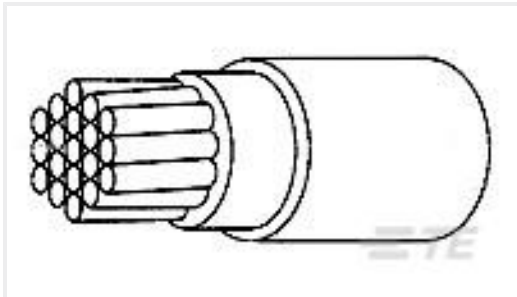
TE Part #280050-7
250 FASTON, FLAG, REC., 16-20 AWG, TPPB



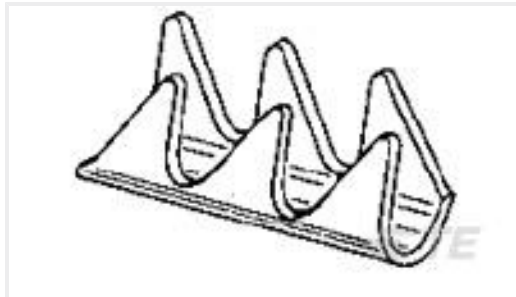
TE Part #1-1462039-9
IM42DGR=IM RELAY 100mW 4.5V BIS



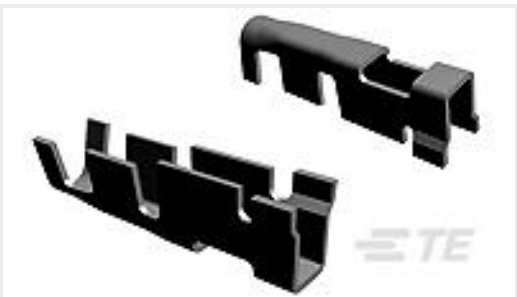
TE Part #5474213003
FLHTC0311-1.00-2



TE Part #6459633001
100G0111-0.50-9



TE Part #926933-2
WIRE PIN 18-17 AWG .01 BR



TE Part #1217264-1
RCPT 090 CLSTR PIN 22-14

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280530-3_AN_c-280530-3-an.2d_dxf.zip

English

Customer View Model

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



English

Customer View Model

[ENG_CVM_CVM_280530-3_AN_c-280530-3-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