181299-2 ✔ ACTIVE

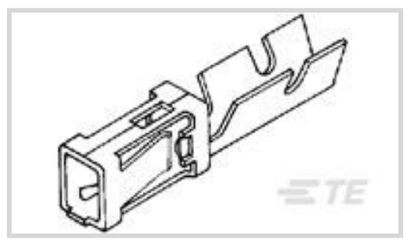
AMPMODU | AMPMODU MOD 1

TE Internal #: 181299-2

Gold (Au), Socket Contact, 22 – 18 AWG, .3 – .9 mm² Wire, Snap-In Contact Retention, Crimp, Phosphor Bronze, Signal, AMPMODU MOD 1

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Contact Retention Type Within Housing: **Snap-In**

Wire Size: **.3 – .9 mm²**

Features

Product Type Features

Applied Pressure	Standard

Electrical Characteristics

Contact Resistance	15 mΩ
Dielectric Withstanding Voltage (Max)	1200 V
Insulation Resistance	5000 MΩ

Contact Features

Contact Orientation	Straight
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.4 µm[15.748 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
PCB Mount Retention	Without

Contact Retention Type Within Housing	Snap-In

Housing Features

Mating Entry Location	Top

Dimensions

Compatible Insulation Diameter Range	1.8 – 2.3 mm[.071 – .091 in]
Wire Size	.3 – .9 mm²

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	2000

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

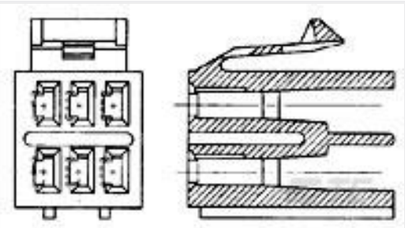
Compatible Parts



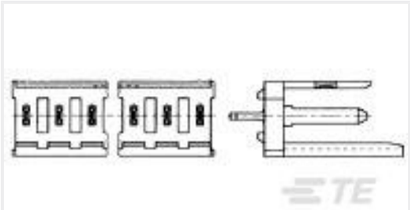
TE Part # 6-926051-4
14P MOD1 BUCHSENGEH



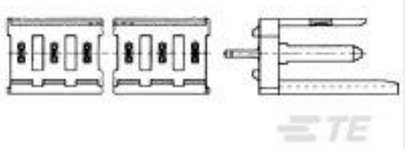
TE Part # 5-926051-7
7P MOD1 BUCHSENGEH



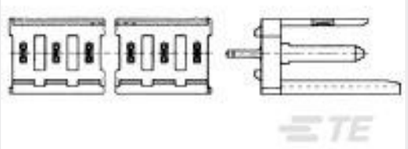
TE Part # 103367-2
14 MODI CRMP S-I HSG DR .200CL



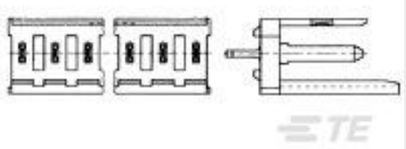
TE Part # 280609-2
2P MOD 1 SHROUDED HEADER, ST, 0.4 Au



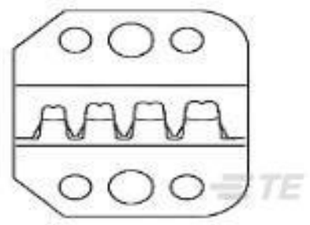
TE Part # 280616-2
MOD I INCREMENTAL ASSY



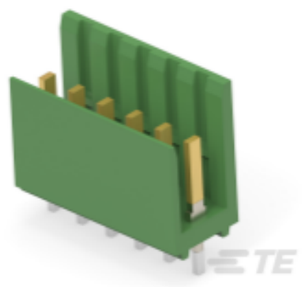
TE Part # 280611-1
6P MOD 1 SHROUDED HEADER, ST, TIN PLTD



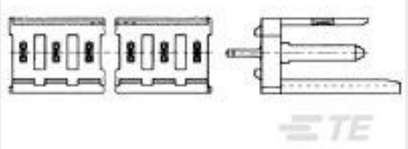
TE Part # 280610-2
4P MOD 1 SHROUDED HEADER, ST, 0.4 Au



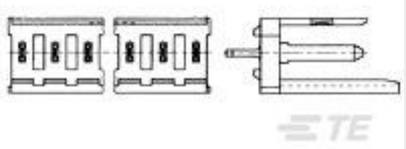
TE Part # 1285002-2
SDE F AMP MODU 18-22 DIE SET



TE Part # 280611-2
6P MOD 1 SHROUDED HEADER, ST, 0.4 Au



TE Part # 280614-1
12P MOD 1 SHROUDED HEADER, ST, TIN PLTD



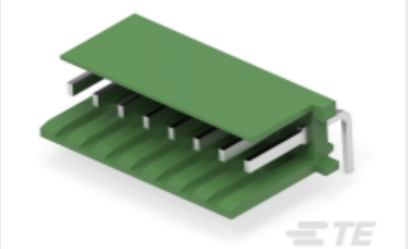
TE Part # 280617-1
06P MOD 1 P.S.ASSY



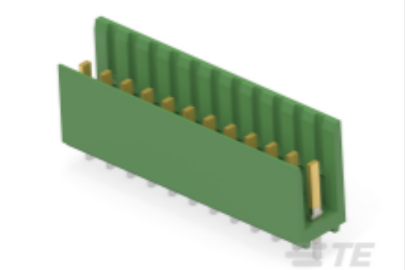
TE Part # 280594
AMP MODU MOD I RECEPT HSG



TE Part # 280592
AMPMODU I RECEPTACLE HOUSING.



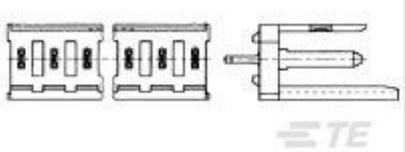
TE Part # 280618-1
08P MOD 1 ASSY



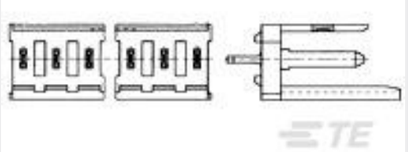
TE Part # 280614-2
12P MOD 1 SHROUDED HEADER, ST, 0.4 Au



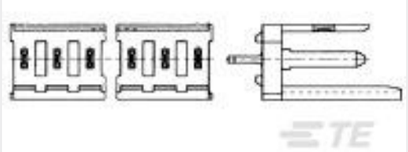
TE Part # 280595
AMP MODU MOD I RECEPT HSG



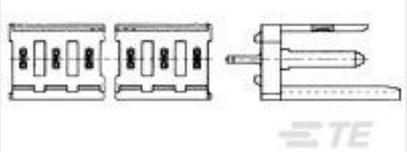
TE Part # 280620-2
MOD I INCREMENTAL ASSY



TE Part # 280617-2
MOD I INCREMENTAL ASSY

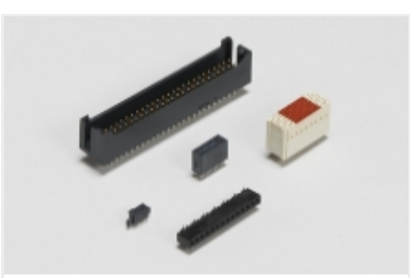


TE Part # 280620-1
MODU

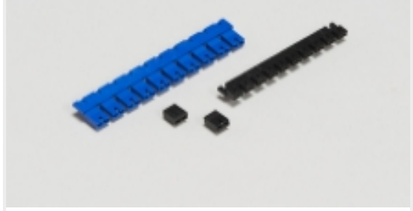


TE Part # 280613-1
10P MOD 1 SHROUDED HEADER, ST, TIN PLTD

Also in the Series | AMPMODU MOD 1



Board-to-Board Headers & Receptacles(81)



Board-to-Board Jumpers & Shunts(1)



Connector Contacts(41)



Connector Hardware(2)



Power Contacts(1)



Rectangular Connector Housings(8)



Rectangular Power Connectors(16)

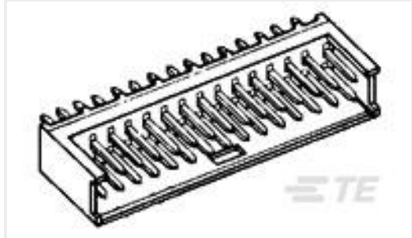
Customers Also Bought



TE Part #3580590015
TRSA-1019/C/1/6



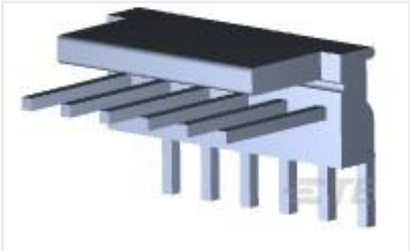
TE Part #84953-6
1MM FPC HORZ.TOP CONT.ASSY 6P



TE Part #280509-1
BARRE MODU 2 2X 9



TE Part #CAT-3984552-PHITPS
CT Post Header Assembly: Part. Shrouded



TE Part #640455-6
06P MTA100 HDR ASSY SQ R/A POL



TE Part #3580590009
TRSA-1019/C/1/3



TE Part #3580590010
TRSA-1019/C/1/4

TE Part #913833-000
D-100-00-RS

Documents

Product Drawings

MOD 1 CONTACT REC

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_181299-2_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_181299-2_N1.3d_stp.zip

English

Customer View Model

ENG_CVM_181299-2_N1.2d_dxf.zip

English

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Product Specifications

Application Specification

English