182198-1 ✔ ACTIVE

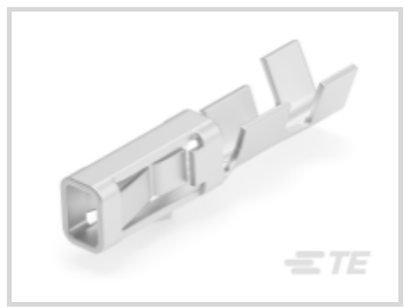
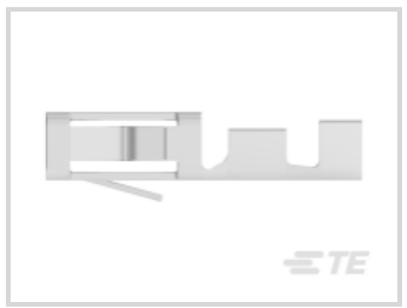
AMPMODU | AMPMODU MOD 1

TE Internal #: 182198-1

Socket Contact, Tin, 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Phosphor Bronze, Signal, -40 – 105 °C [-40 – 221 °F], AMPMODU MOD 1

View on TE.com >

Connectors > Contacts > Connector Contacts




Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.3 – .9 mm²**

Contact Base Material: **Phosphor Bronze**

Features

Product Type Features

Applied Pressure	High

Mechanical Attachment

Wire Insulation Support	With
PCB Mount Retention	Without

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	2000

Dimensions

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

Contact Features

PCB Contact Termination Area Plating Material Thickness	.762 µm[30 µin]
Contact Orientation	Straight
PCB Contact Termination Area Plating Material	Tin

Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

Product Terminates To	Wire & Cable

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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

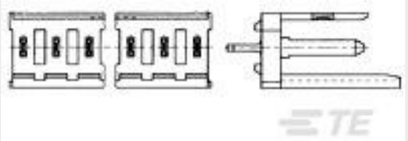
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

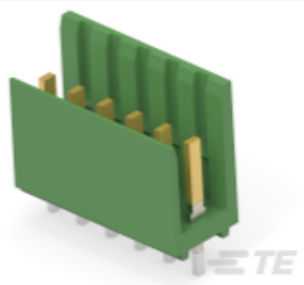
Compatible Parts



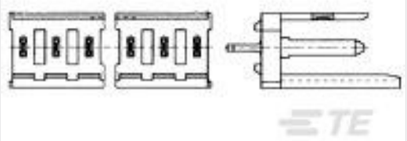
TE Part # 843473-1
EXTRACTION TOOL



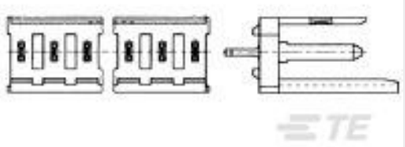
TE Part # 280612-2
8P MOD 1 SHROUDED HEADER, ST, 0.4 Au



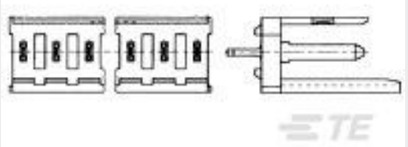
TE Part # 280611-2
6P MOD 1 SHROUDED HEADER, ST, 0.4 Au



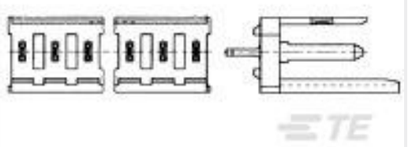
TE Part # 280616-1
4P MOD 1 P.S.ASSY.



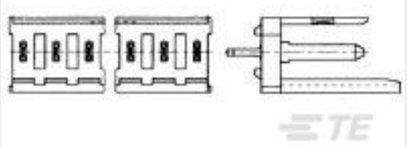
TE Part # 280612-1
8P MOD 1 SHROUDED HEADER, ST, TIN PLTD



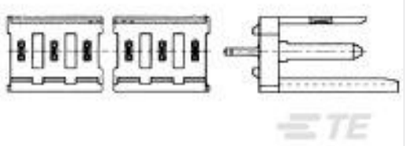
TE Part # 280618-2
MOD I INCREMENTAL ASSY



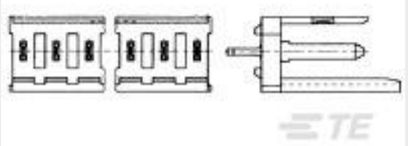
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MOD I INCREMENTAL ASSY



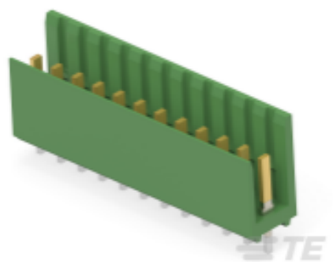
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4P MOD 1 SHROUDED HEADER, ST, 0.4 Au



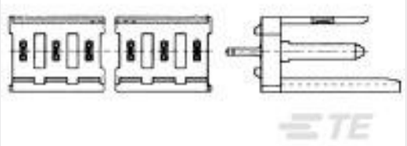
TE Part # 280613-1
10P MOD 1 SHROUDED HEADER, ST, TIN PLTD



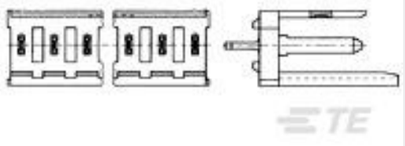
TE Part # 280617-2
MOD I INCREMENTAL ASSY



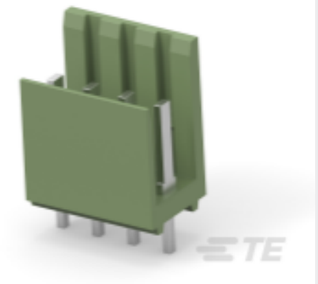
TE Part # 280614-2
12P MOD 1 SHROUDED HEADER, ST, 0.4 Au



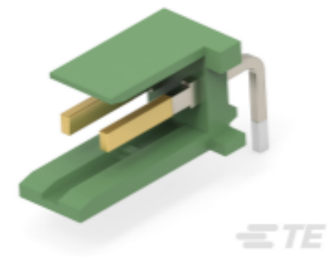
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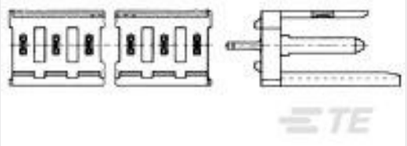
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2P MOD 1 SHROUDED HEADER, ST, TIN PLTD



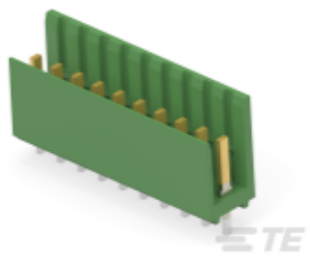
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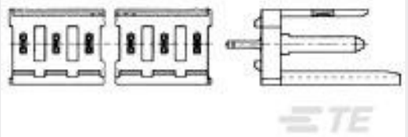
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MOD I INCREMENTAL ASSY



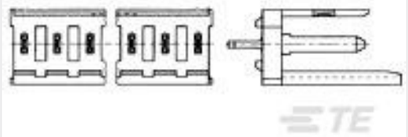
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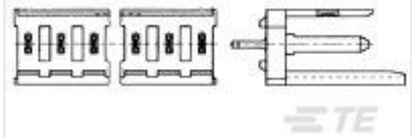
TE Part # 280613-2
10P MOD 1 SHROUDED HEADER, ST, 0.4 Au



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

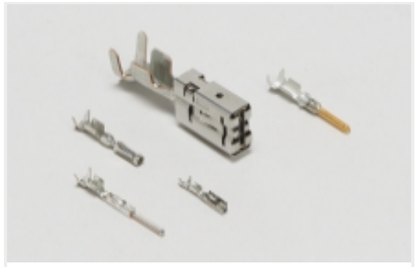


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06P MOD 1 P.S.ASSY

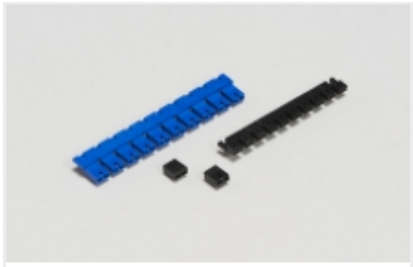


TE Part # 280611-1
6P MOD 1 SHROUDED HEADER, ST, TIN PLTD

Also in the Series | AMPMODU MOD 1



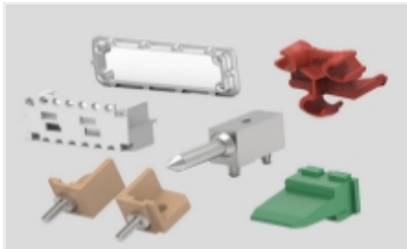
Automotive Terminals(4)



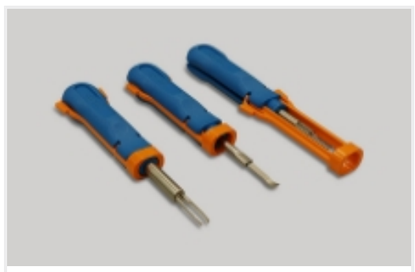
Board-to-Board Jumpers & Shunts(5)



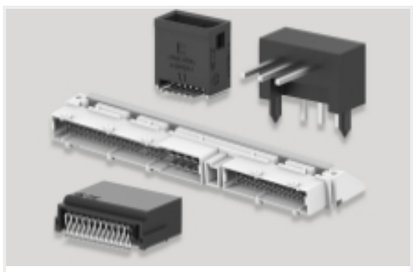
Connector Contacts(75)



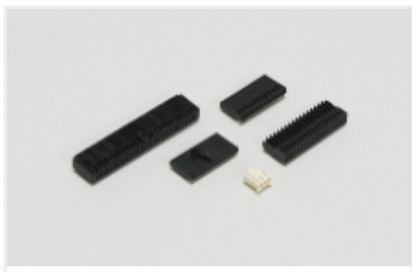
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(105)

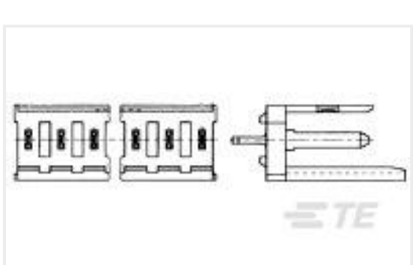


Wire-to-Board Connector Assemblies & Housings(16)

Customers Also Bought



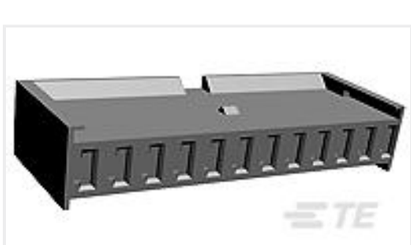
TE Part #102241-6
08 MODIV HSG COMP SR .100 POL



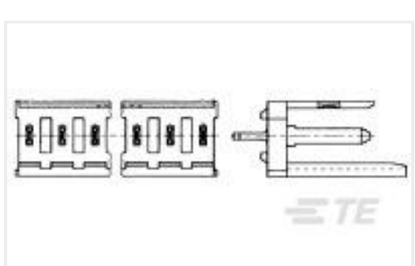
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8P MOD 1 SHROUDED HEADER, ST, TIN PLTD



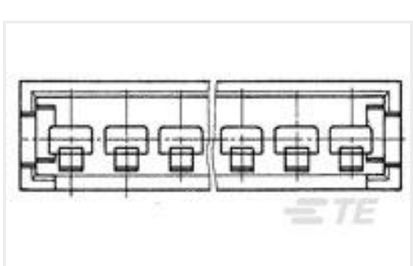
TE Part #280366
AMPMODU II REC. HSG DUAL ROW, 16 POS.



TE Part #280595
AMP MODU MOD I RECEPT HSG



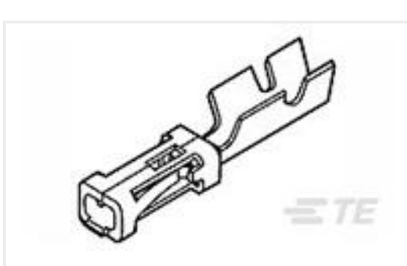
TE Part #280617-2
MOD I INCREMENTAL ASSY



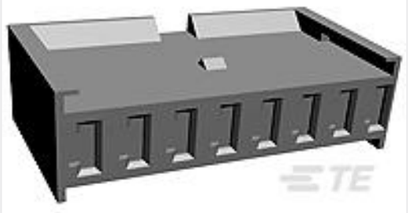
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AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



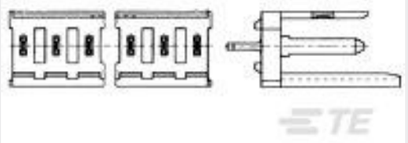
TE Part #280359
AMPMODU II REC. HSG, SINGLE ROW, 4 POS.



TE Part #141708-1
MOD-4 REC.CONT.SCP.



TE Part #280593
AMP MODU MOD I RECEPT HSG



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

Documents

Product Drawings

MOD 1 CONTACT

English

CAD Files

Customer View Model

ENG_CVM_182198-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_182198-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_182198-1_A.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English