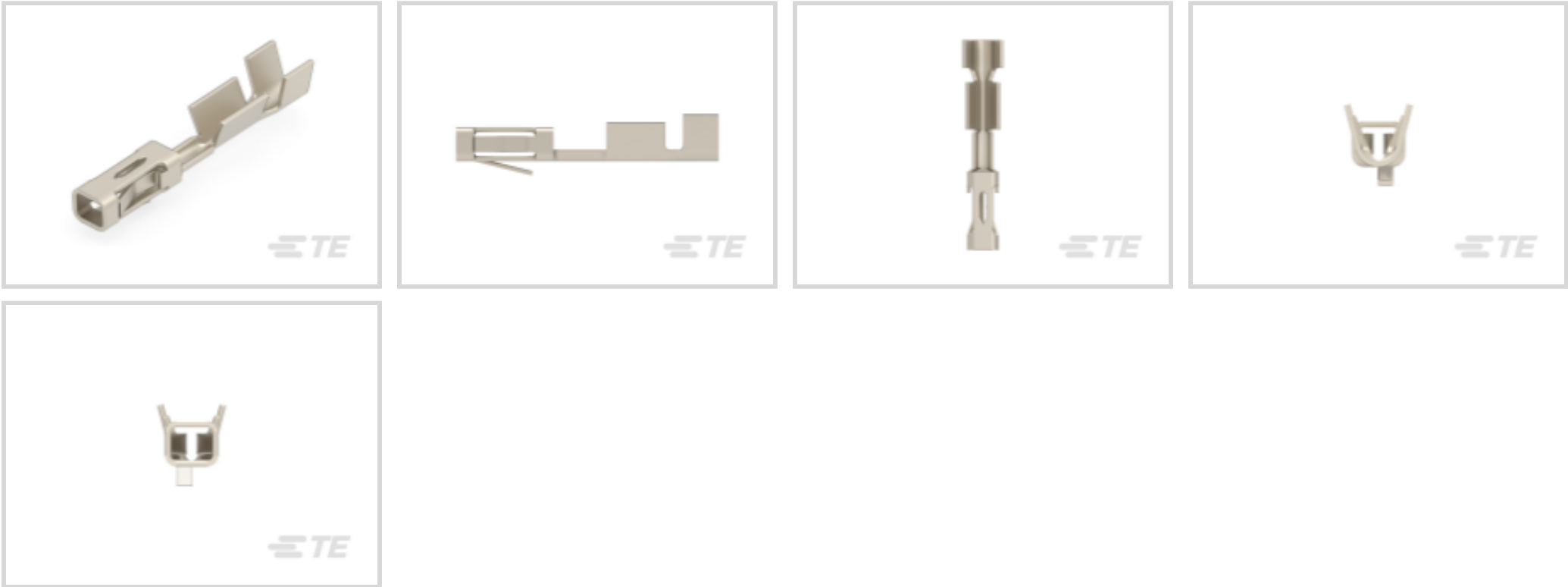




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold Flash**
Operating Voltage: **250 VAC**
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Applied Pressure	High
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 μm[50 μin]



Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Length	11.3 mm[.445 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Size	.64mm
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	1.55 mm[.061 in]
Wire Size	236.823 – 789.41 CMA

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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Packaging Features

Packaging Quantity	12500
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 5-87977-0
54 MODIV HSG COMP DR .100 POL

TE Part # 4-87977-9
52 MODIV HSG COMP DR .100 POL

TE Part # 1-102387-5
22 MODIV HSG COMP DR .100 POL

TE Part # 4-87977-1
32 MOD IV HSG COMP DR .100 POL

TE Part # 4-87977-2
34 MODIV HSG COMP DR .100 POL

TE Part # 4-87456-3
42 MODIV HSG COMP DR .100CL

TE Part # 4-87977-6
42 MODIV HSG COMP DR .100 POL

TE Part # 6-87977-0
58 MODIV HSG COMP DR .100 POL





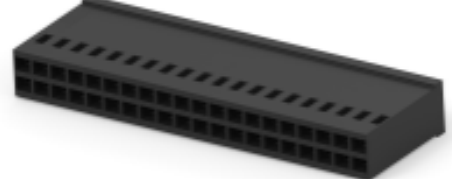
TE Part # 6-87456-1
56 MODIV HSG COMP DR .100CL



TE Part # 4-87977-3
36 MODIV HSG COMP DR .100 POL



TE Part # 1-86177-8
06 MODIV HSG COMP DR .100CL



TE Part # 1-86177-1
40 MODIV HSG COMP DR .100CL



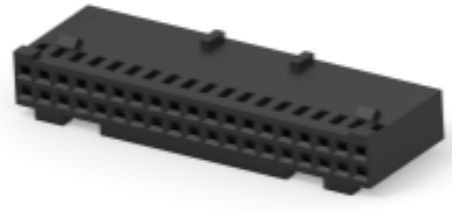
TE Part # 102387-6
26 MODIV HSG COMP DR .100 POL



TE Part # 4-87631-6
54 MODIV HSG DR MRKD .100 POL



TE Part # 5-87631-8
72 MODIV HSG DR MRKD .100 POL



TE Part # 3-87631-4
38 MODIV HSG DR MRKD .100 POL



TE Part # 87977-9
22 MODIV HSG DR MRKD .100 POL



TE Part # 6-87631-0
48 MODIV HSG DR MRKD .100 POL

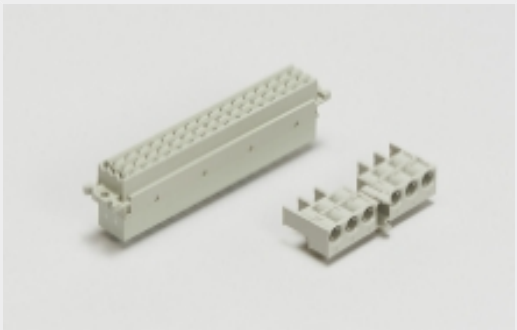


TE Part # 1-87977-9
42 MODIV HSG DR MRKD .100 POL



TE Part # 2-87977-7
72 MODIV HSG DR MRKD .100 POL

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Connector Caps & Covers(11)



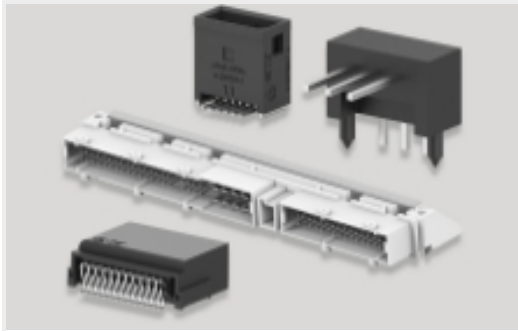
Connector Contacts(270)



Connector Hardware(10)



Insertion & Extraction Tools(4)

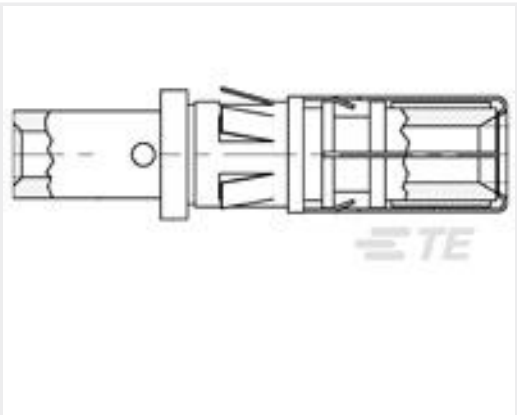


PCB Headers & Receptacles(517)



Power Contacts(206)

Customers Also Bought



TE Part #202418-1
SKT CONT ASSY,TYPE I



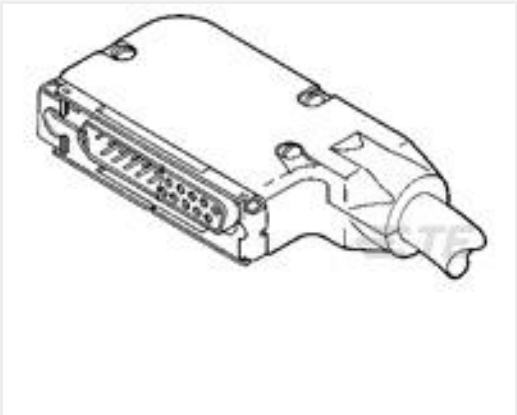
TE Part #640391-1
.062 COMM P&S PIN 24-30 PTPBR



TE Part #5-103957-8
2X9 MTE RCPT SR LATCH .100CL



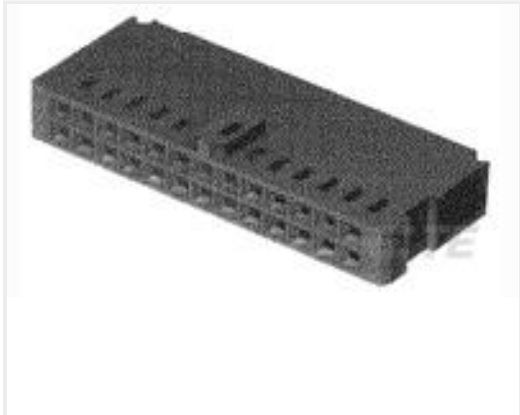
TE Part #5-102618-2
08 MODII HDR DRST SHRD .100CL



TE Part #5745652-1
DIECAST STRAIN RELIEF KIT,SZ 2



TE Part #796966-1
SKT ASSY,18-16 AWG,HI CURRENT



TE Part #102387-1
10 MODIV HSG COMP DR .100 POL



TE Part #5-104361-6
07 MTE HDR SRRA LATCH W/HLDWN



TE Part #280621-1
MOD I CRIMP CONTACT



TE Part #66505-3
20 DF SCKT CONT

Documents

Product Drawings
MOD V RECP PLTD 30 AU

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_87809-1_K.3d_igs.zip

English

Customer View Model
ENG_CVM_87809-1_K.3d_stp.zip

English

Customer View Model
ENG_CVM_87809-1_K.2d_dxf.zip

English

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Datasheets & Catalog Pages



AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

1-1773720-9_AMPMODU_MOD_IV_V_QRG

English

Product Specifications

Application Specification

English