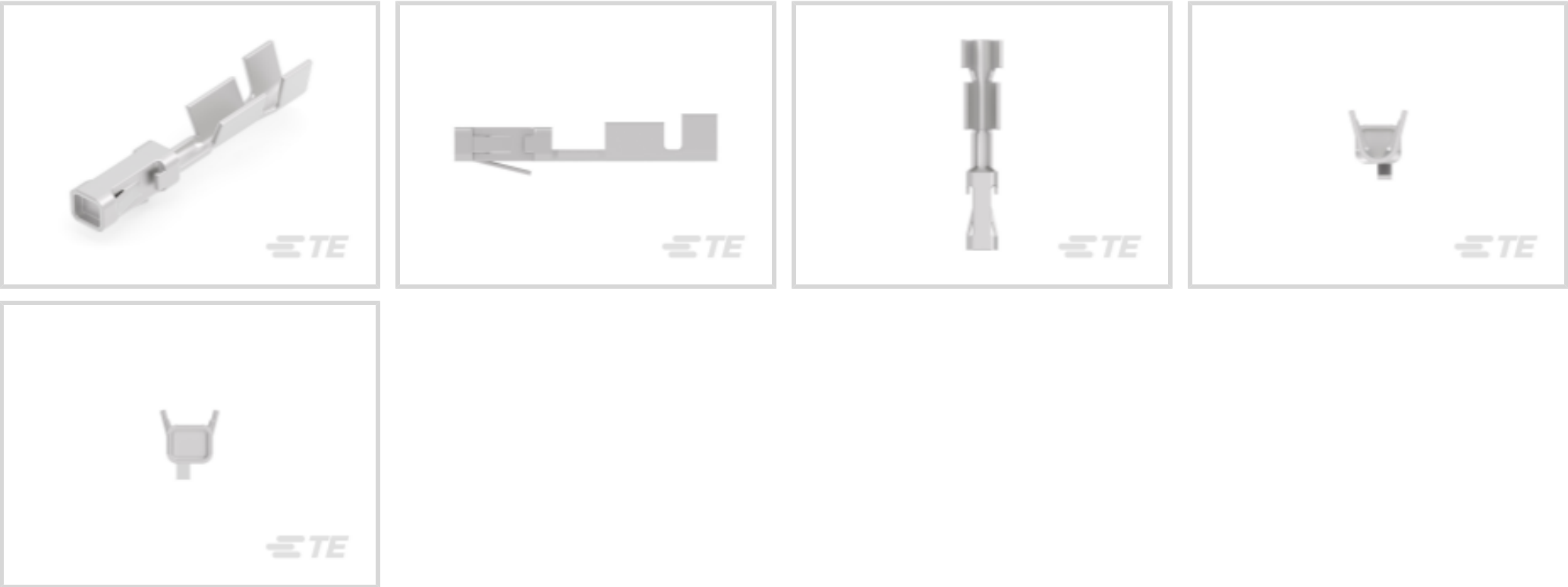




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Applied Pressure	Standard
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 Length	11.3 mm[.445 in]
Barrel Type	Open
Contact Type	Socket



Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	.64mm
Contact Base Material	Copper Tin Phosphor Bronze
Contact Current Rating (Max)	3 A
Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	1.27 – 3.81 µm[50 – 150 µin]
Wire Contact Termination Area Plating Thickness	1.27 – 3.81 µm[50 – 150 µin]
Contact Orientation	Straight

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	236.823 – 789.41 CMA
Compatible Insulation Diameter Range	1.55 mm[.061 in]

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

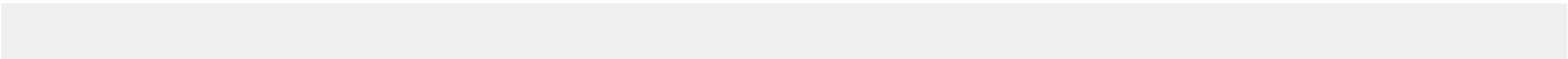
Compatible With Approved Standards Products	CSA LR7189, UL E28476
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Packaging Features

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

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

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

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

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

TE Part # 5-87977-0
54 MODIV HSG COMP DR .100 POL



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



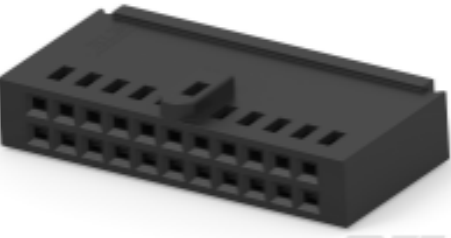
TE Part # 87977-9
22 MODIV HSG DR MRKD .100 POL



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



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



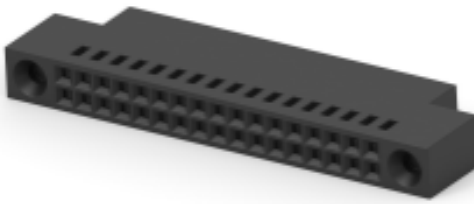
TE Part # 1-102387-5
22 MODIV HSG COMP DR .100 POL



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



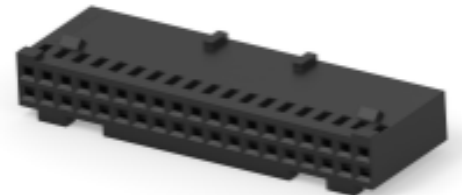
TE Part # 4-87977-1
32 MOD IV HSG COMP DR .100 POL



TE Part # 3-87483-5
34 MODIV HSG COMP DR .100 EARS



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



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

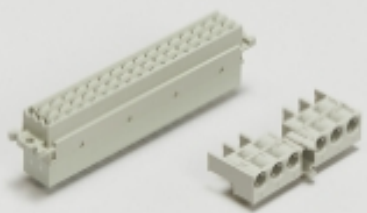


TE Part # 2-87977-7
72 MODIV HSG DR MRKD .100 POL

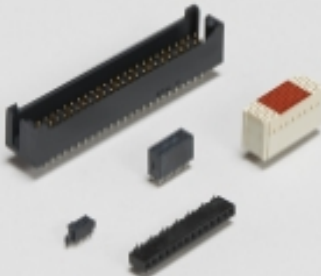


TE Part # 1-102387-3
44 MOD IV HSG COMP DR .100 POL

Also in the Series | [AMPMODU IV/V](#)



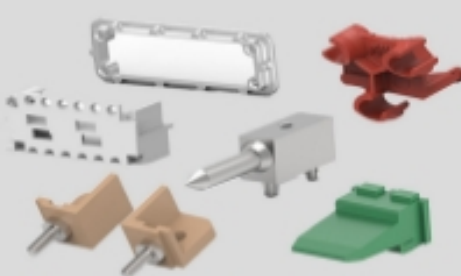
Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(125)



Connector Contacts(179)



Connector Hardware(8)



Power Contacts(140)



Rectangular Connector Housings(294)



Standard Rectangular Connectors(295)

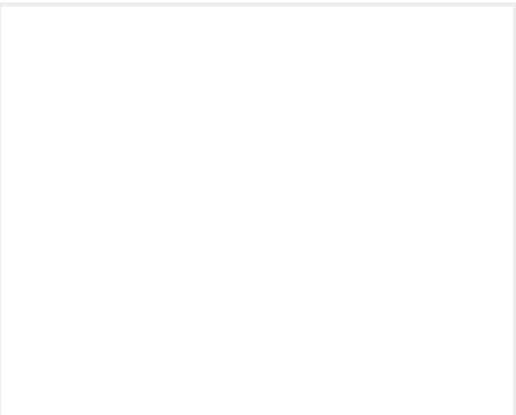


Wire-to-Board Connector Assemblies & Housings(295)

Customers Also Bought



TE Part #4525DO-DS3BK015GPL
PRESS XDCR,DIGITAL,PSI RANGE



TE Part #ZPF000000000015681
DS 07-37-2 S 059



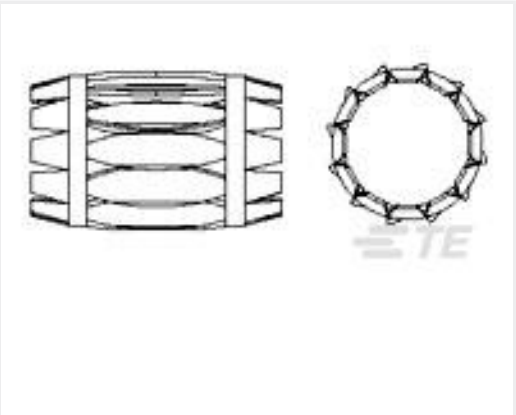
TE Part #CAT-BLPS0001
PCB MOUNTED DIGITAL PRESSURE
SENSOR



TE Part #7-87499-2
01 MODIV HSG COMP SR .100CL



TE Part #2-87631-1
26 MODIV HSG COMP DR .100 POL



TE Part #3-192007-1
BAND STRIP LA1AS(1.0)(.006)SIL



TE Part #3-794634-4
04P MICRO MNL ASSY,VRT,SMT LF



TE Part #2-1393302-3
V23134A0052G243-EV-CBOX



TE Part #8-1768016-3
CSL-02713P-9

Documents

Product Drawings

MOD IV RECP PLTD SN

English

CAD Files

Customer View Model

ENG_CVM_CVM_87756-6_AH.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87756-6_AH.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87756-6_AH.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



AMP MODU IV & V Section of Catalog 1307819

English

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

1-1773720-9_AMPMODU_MOD_IV_V_QRG

English

Product Specifications

Application Specification

English