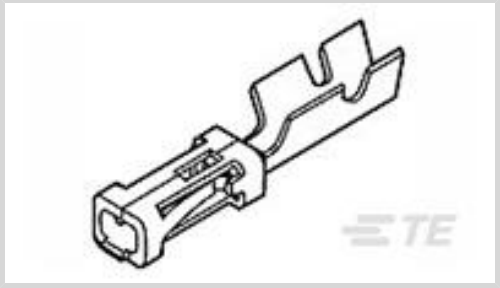




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold Flash**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

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	11.93 mm[.47 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	3 A



Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

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	394.71 – 1184.12 CMA
Compatible Insulation Diameter Range	1.75 mm[.069 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
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Solder Process Capability	Not applicable for solder process capability
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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 # 1-87977-6 36 MODIV HSG DR MRKD .100 POL	 TE Part # 5-87977-1 60 MODIV HSG COMP DR .100 POL	 TE Part # 1-102241-7 19 MODIV HSG COMP SR .100 POL	 TE Part # 6-87631-3 58 MODIV HSG COMP DR .100 POL
 TE Part # 4-87631-3 52 MODIV HSG COMP DR .100 POL	 TE Part # 4-87977-7 44 MODIV HSG COMP DR .100 POL	 TE Part # 3-87631-8 42 MODIV HSG DR MRKD .100 POL	 TE Part # 2-87977-4 60 MODIV HSG DR MRKD .100 POL
 TE Part # 5-87977-7 56 MODIV HSG DR MRKD .100 POL	 TE Part # 87977-7 18 MODIV HSG DR MRKD .100 POL	 TE Part # 5-87977-4 72 MODIV HSG COMP DR .100 POL	 TE Part # 6-87456-5 64 MODIV HSG COMP DR .100CL



TE Part # 1-87977-4
32 MODIV HSG DR MRKD .100POL



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



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



TE Part # 1-102241-9
21 MODIV HSG COMP SR .100 POL



TE Part # 1-102387-2
64 MODIV HSG COMP DR .100 POL



TE Part # 1-102241-5
17 MODIV HSG COMP SR .100 POL

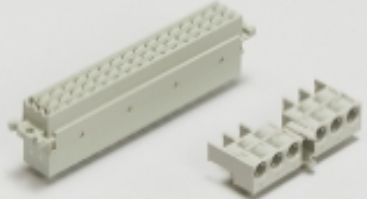


TE Part # 1-102241-1
13 MODIV HSG COMP SR .100 POL

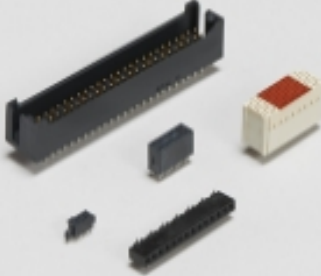


TE Part # 4-87977-0
30 MODIV HSG COMP DR .100 POL

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)

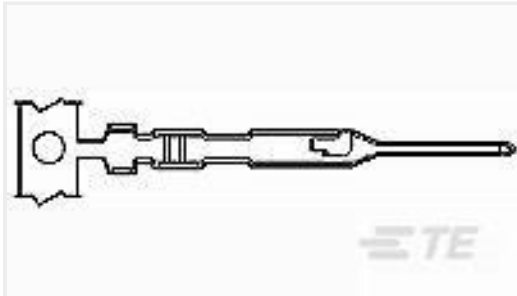
Customers Also Bought



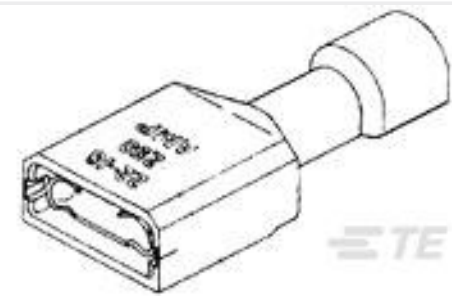
TE Part #53942-2
TERMINAL,PIDG R 16-14 10



TE Part #1-87631-0
14 MODIV HSG DR MRKD .100 POL



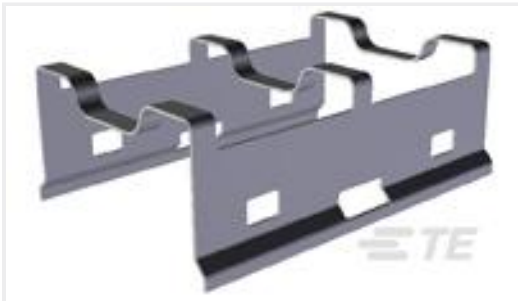
TE Part #1-104505-3
MTE PIN LP



TE Part #2-520263-4
ULTRA-FAST 250 ASY REC 22-18 TPBR



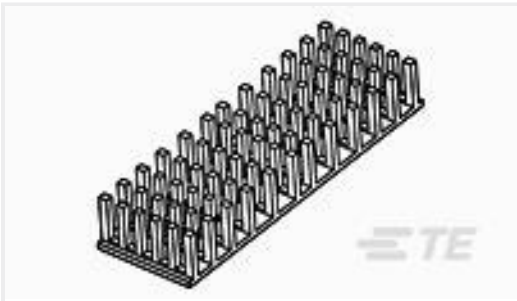
TE Part #1367645-6
DWDM Kit Assy, Networking (13.



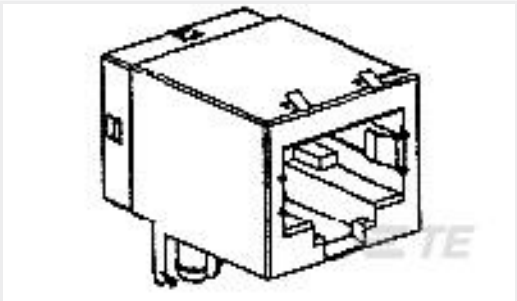
TE Part #1489948-2
XFP HEAT SINK CLIP, PLATED



TE Part #1489951-1
XFP CAGE ASSEMBLY



TE Part #1963850-2
XFP. MSA HEATSINK 10mm TALL



TE Part #5558341-1
MJ,8POS,R/A,CAT 5e



TE Part #6609020-6
3EB3=F7103 S0

Documents

Product Drawings

MOD IV RECP PLTD 30 SEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_85969-8_BR.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_85969-8_BR.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_85969-8_BR.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English