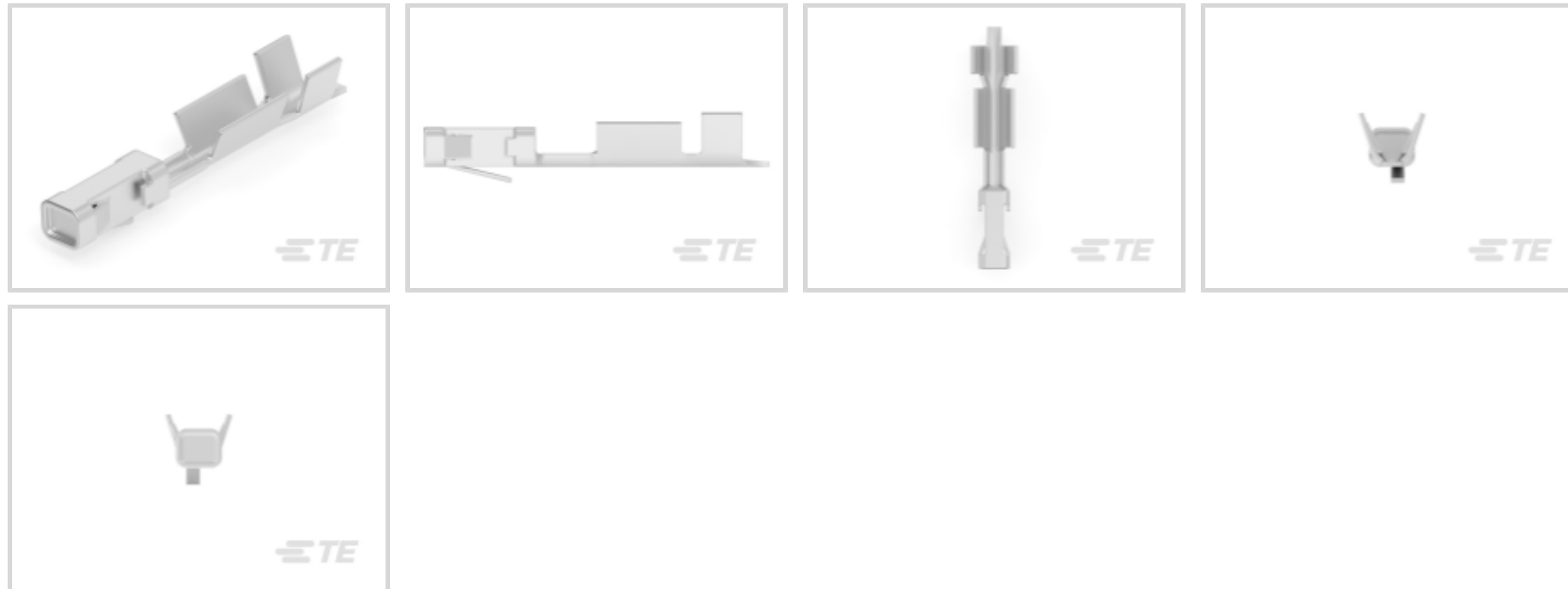




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Operating Voltage: **250 VAC**

Compatible With Wire & Cable Type: **Discrete Wire**

Features

Product Type Features

Applied Pressure	High
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

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

Contact Features

	50 – 150 μin
Mating Square Post Dimension	.64 mm [.025 in]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)



Wire Contact Termination Area Plating Material	Tin over Nickel
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
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Dimensions

Wire Size	394.71 – 1184.12 CMA
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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 Method	Reel
Packaging Quantity	12500

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

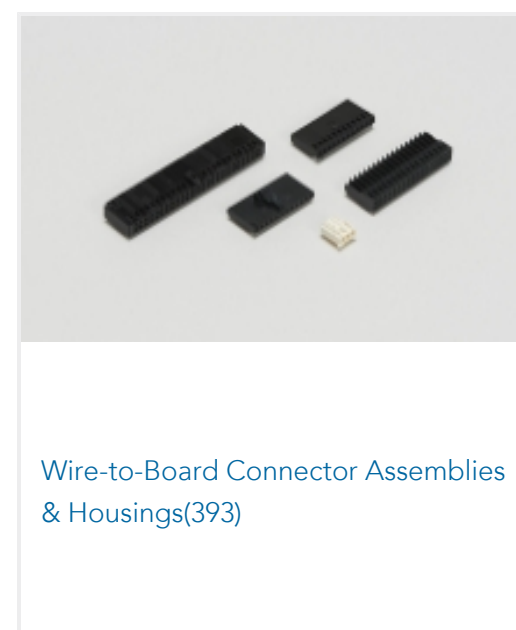
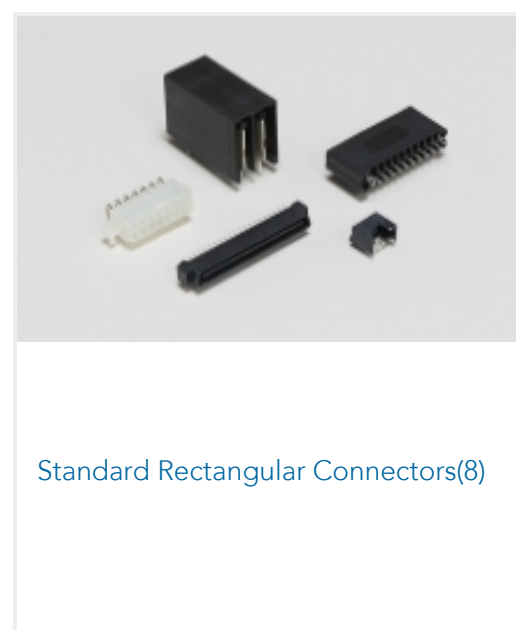
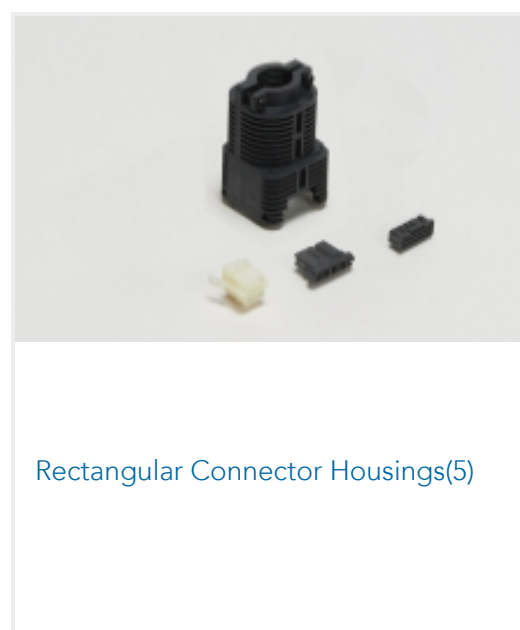
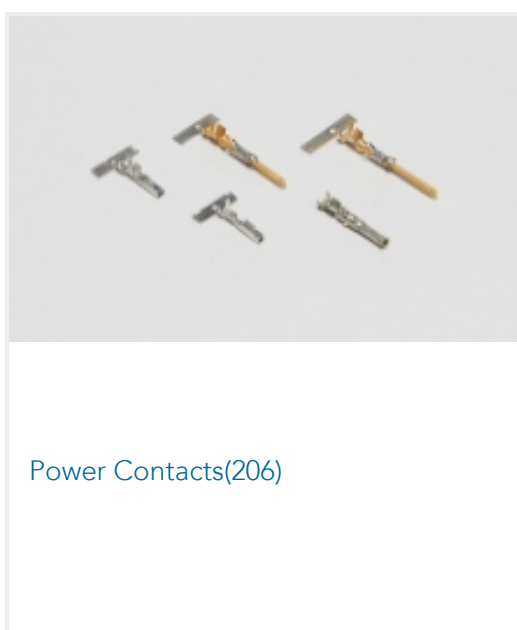
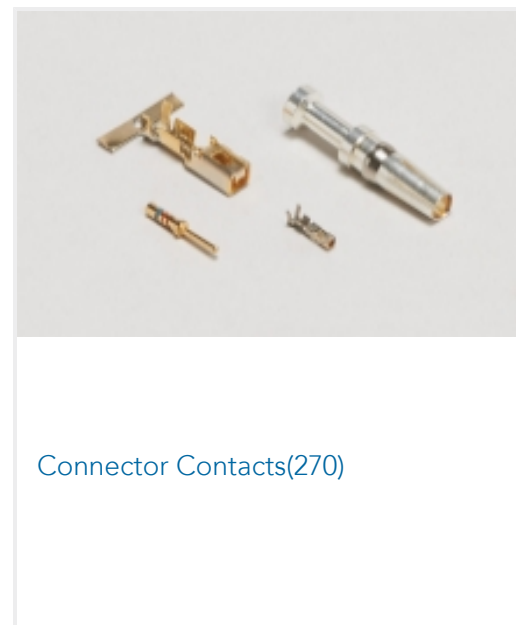
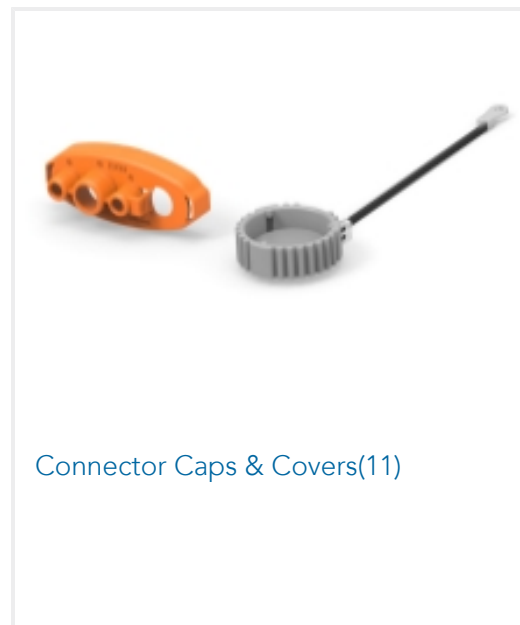
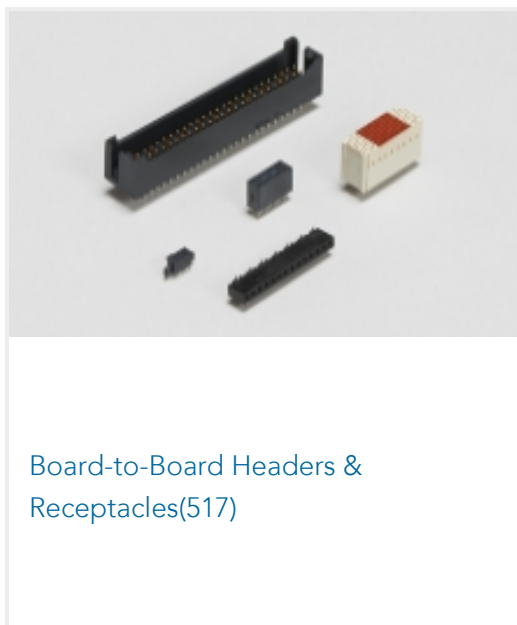
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

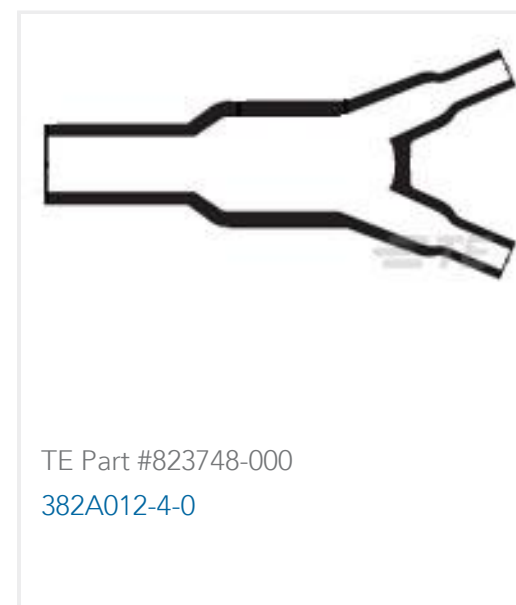
 <p>TE Part # 2-87977-3 54 MODIV HSG DR MRKD .100 POL</p>	 <p>TE Part # 2-87977-6 70 MODIV HSG DR MRKD .100 POL</p>	 <p>TE Part # 2-87977-5 66 MODIV HSG DR MRKD .100 POL</p>	 <p>TE Part # 5-87631-6 70 MODIV HSG DR MRKD .100 POL</p>
 <p>TE Part # 2-87977-2 52 MODIV HSG DR MRKD .100 POL</p>	 <p>TE Part # 6-87631-2 56 MODIV HSG DR MRKD .100 POL</p>	 <p>TE Part # 4-87977-4 38 MODIV HSG COMP DR .100 POL</p>	 <p>TE Part # 6-87456-3 58 MODIV HSG COMP DR .100CL</p>
 <p>TE Part # 5-87631-3 66 MODIV HSG COMP DR .100 POL</p>	 <p>TE Part # 5-87977-6 48 MODIV HSG COMP DR .100 POL</p>	 <p>TE Part # 6-87631-1 56 MODIV HSG COMP DR .100 POL</p>	 <p>TE Part # 5-87977-2 66 MODIV HSG COMP DR .100 POL</p>



Also in the Series | **AMPMODU IV/V**

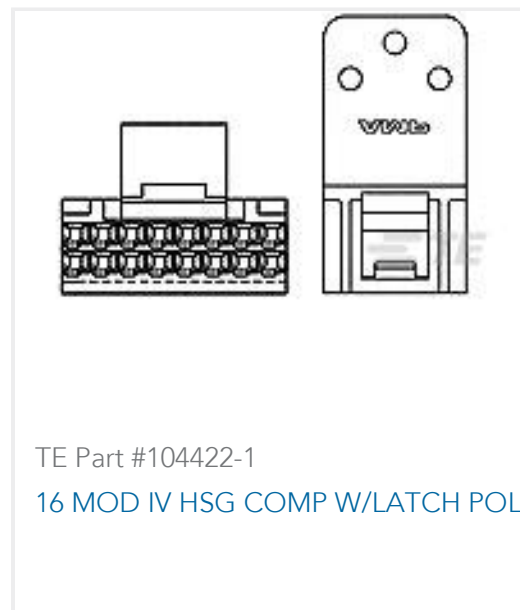


Customers Also Bought





TE Part #1775442-1
EMIX CONN., 1.5mm PITCH, TERMI



TE Part #104422-1
16 MOD IV HSG COMP W/LATCH POL



TE Part #1-1617118-9
J1MACD-26XL = M39016/23-030L



TE Part #205560-2
AMPLIMITE,ASY,PLUG,STD,109,3



TE Part #1617168-8
JMSCT-26XL = M28776/3-038L



TE Part #EL88842001
VERSAFIT-1/4-0-STK

Documents

Product Drawings

[MOD V RECP PLTD SN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_87309-8_AH.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87309-8_AH.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87309-8_AH.3d_stp.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

87309-8

Socket Contact, Tin (Sn), 250 VAC, Discrete Wire, 24 – 20 AWG, .2 – .6 mm² Wire,
394.71 – 1184.12 CMA, Crimp, Phosphor Bronze, AMPMODU IV/V

