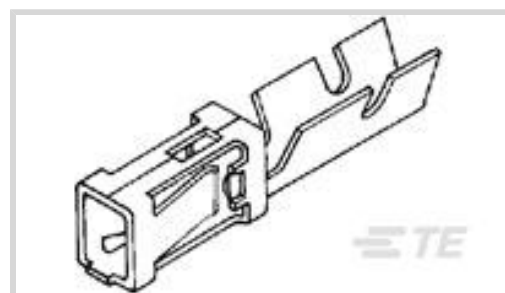




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



Contact Type: **Socket**

Connector System: **Board-to-Board**

Centerline (Pitch): **3.81 mm [.15 in]**

Contact Mating Area Plating Material: **Tin**

Wire Size: **22 – 18 AWG**

Features

Product Type Features

Applied Pressure	Standard
Connector System	Board-to-Board
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1200 VAC
Insulation Resistance	5000 MΩ
Contact Resistance	12 mΩ

Contact Features

PCB Contact Termination Area Plating Material Thickness	.4064 μm[16 μin]
Contact Mating Area Plating Material Thickness	.4064 μm[16 μin]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Orientation	Straight
Contact Current Rating (Max)	5 A

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------



PCB Mount Retention	Without
---------------------	---------

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
--------------------	------------------

Dimensions

Accepts Wire Insulation Diameter Range	1.3 – 2.29 mm [.051 – .09 in]
--	-------------------------------

Wire Size	.3 – .9 mm ²
-----------	-------------------------

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Quantity	1000
--------------------	------

Packaging Method	Loose Piece
------------------	-------------

Other

Comment	Applicators also available for AMPOMATOR Lead Making Machines and Stripper/Crimper Machines. Consult AMP, Inc., Part No. 843473-1 is an extraction tool for the Crimp Snap-In contacts.
---------	---

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	Wave solder capable to 265°C
---------------------------	------------------------------

Product Compliance Disclaimer

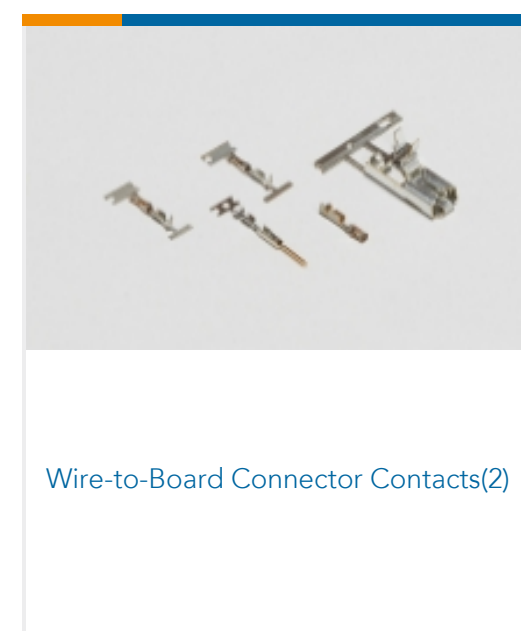
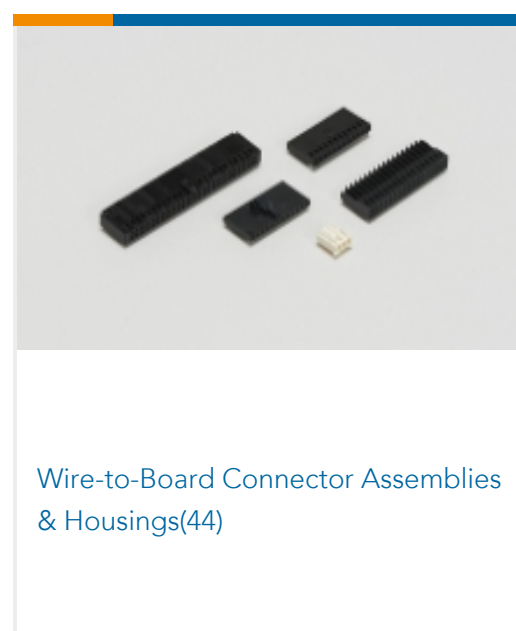
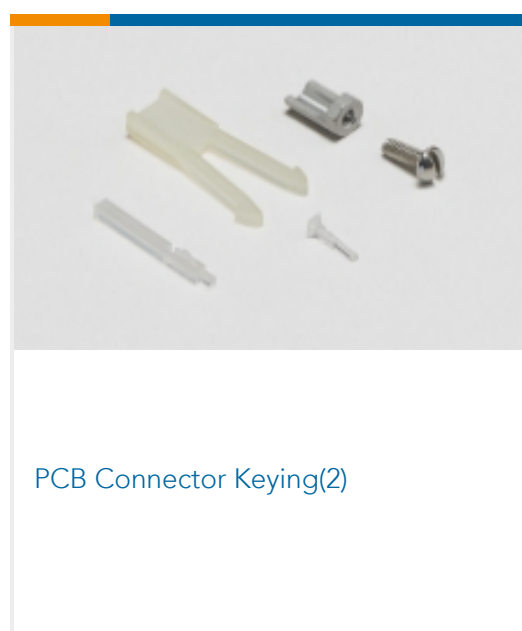
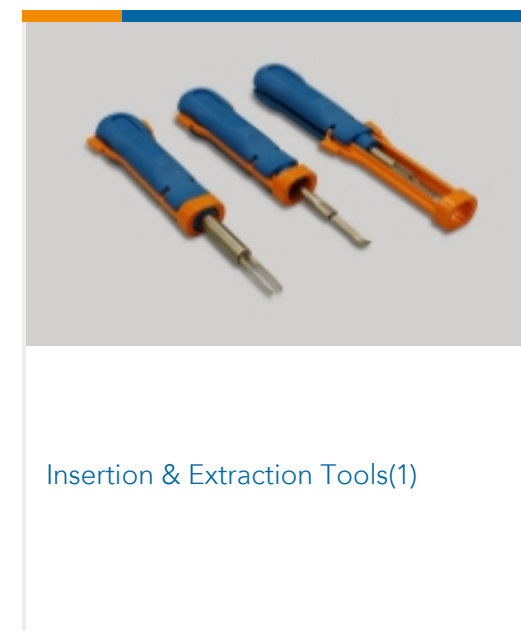
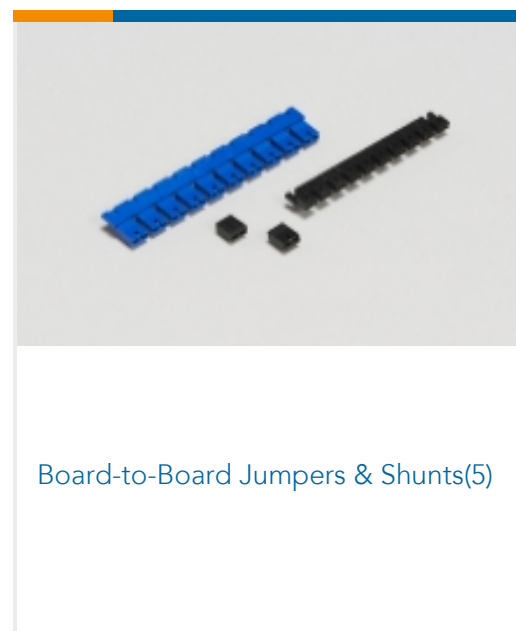
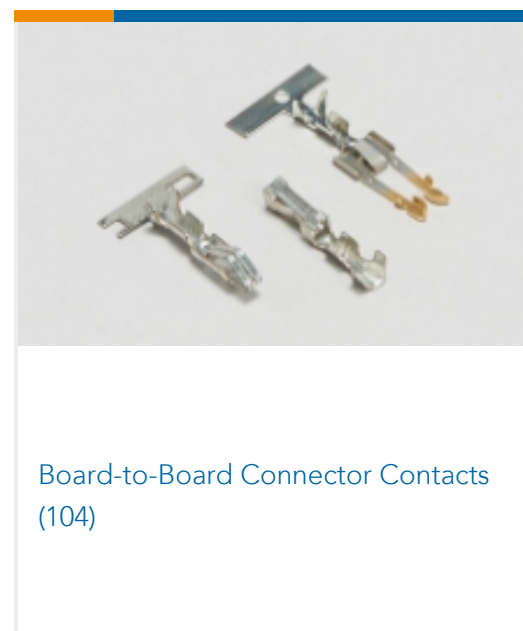
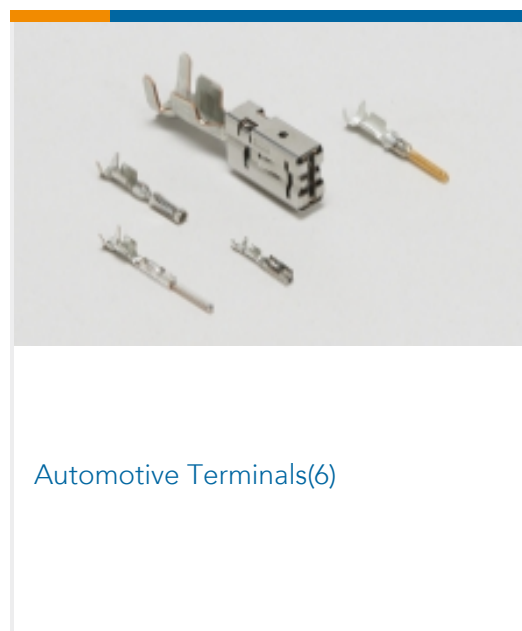
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 843473-1 EXTRACTION TOOL</p>	 <p>TE Part # 87159-5 04 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 1-87159-0 10 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 87159-4 03 MODI CRMP S-I HSG SR .156CL</p>
 <p>TE Part # 1-87025-2 12 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 1-87159-2 12 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 3-5086147-7 MOD I POST PLTD SN, ROHS</p>	 <p>TE Part # 3-87025-0 13 MODI CRMP S-I HSG SR .156CL</p>
 <p>TE Part # 3-87025-8 14 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 6-87160-1 10 MODI HDR SRST .156CL, ROHS</p>	 <p>TE Part # 87159-1 05 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 87159-3 02 MODI CRMP S-I HSG SR .156CL</p>
 <p>TE Part # 87159-6 06 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 87159-7 07 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 87159-8 08 MODI CRMP S-I HSG SR .156CL</p>	 <p>TE Part # 1-5086147-0 MOD I POST PLTD SN, ROHS</p>



Also in the Series | AMPMODU MOD 1



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_102103-3_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_102103-3_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_102103-3_W.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION_6_7AND8](#)



English

Product Specifications

[Application Specification](#)

English

[AMPMODU Mod I Receptacle Crimp Contact](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English