



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **8**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Number of Rows	2

Electrical Characteristics

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

Body Features

Primary Product Color	Black
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Contact Features

Contact Type	Socket
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	Without
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Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	10.57 mm[.416 in]
Connector Height	7.62 mm[.3 in]
Row-to-Row Spacing	2.54 mm[.1 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

Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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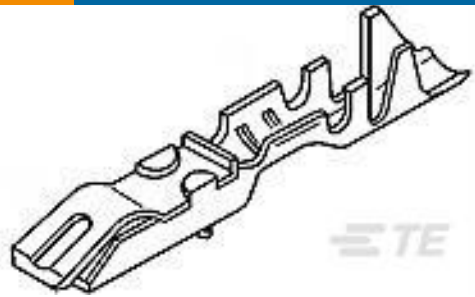
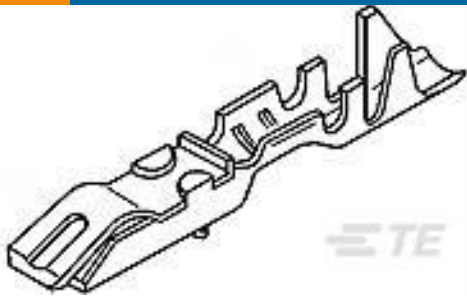
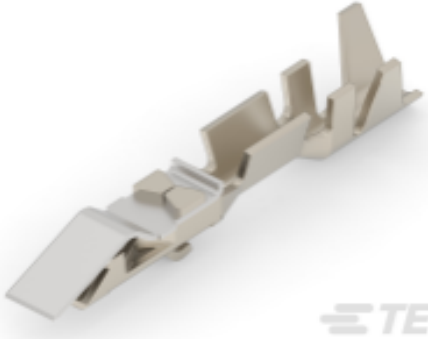
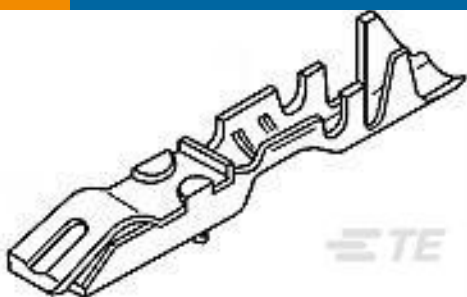
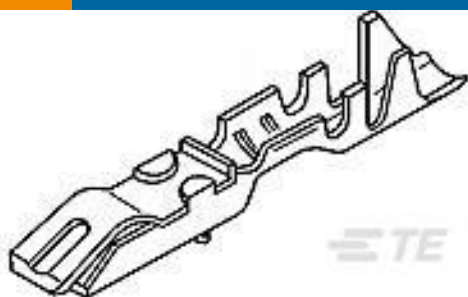


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

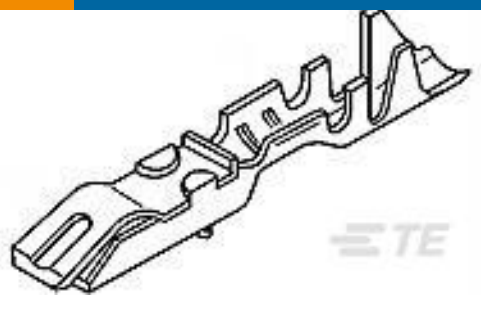
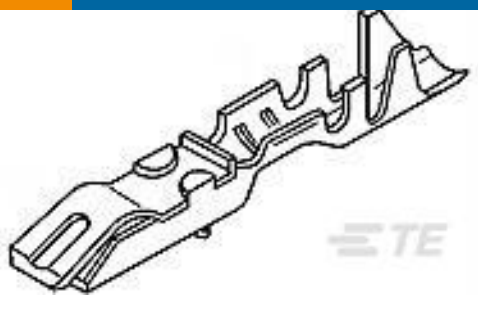
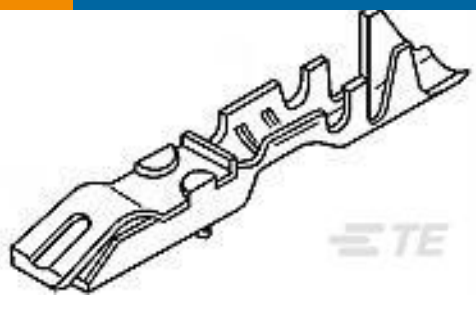
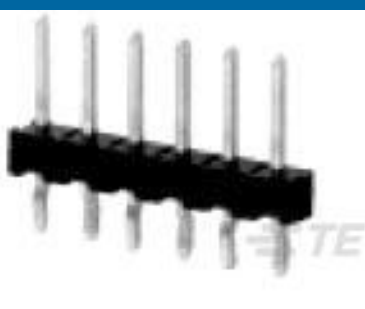
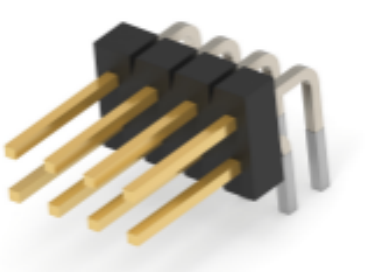
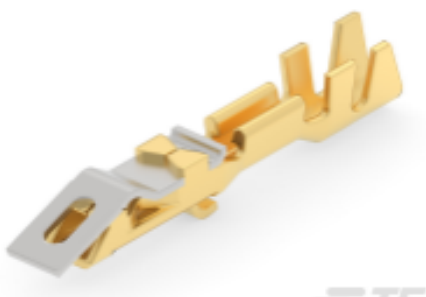
Product Compliance Disclaimer

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>

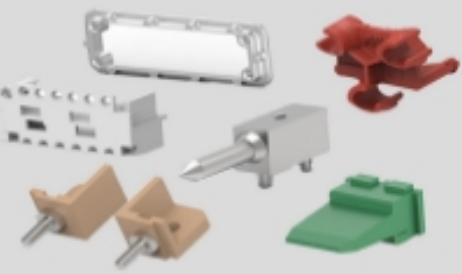
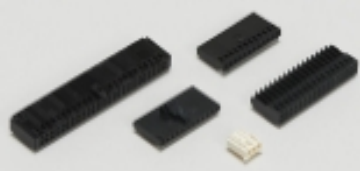
Compatible Parts

 TE Part # 5-87165-2 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 87179-1 LOCKING CLIP KEYING PLUG	 TE Part # 87190-1 LOCKING CLIP CONT ASSY .025 SQ	 TE Part # 867052-2 LOCKING CLIP CONT ASSY .025 SQ
 TE Part # 5-87124-2 LOCKING CLIP CONT ASY .025 SQ	 TE Part # 87124-1 LOCKING CLIP CONT ASSY .025 SQ	 TE Part # 5-867052-1 LOCKING CLIP CONT ASSY .025 SQ	 TE Part # 5-87191-2 LOCKING CLIP ASSY .025 SQ LP

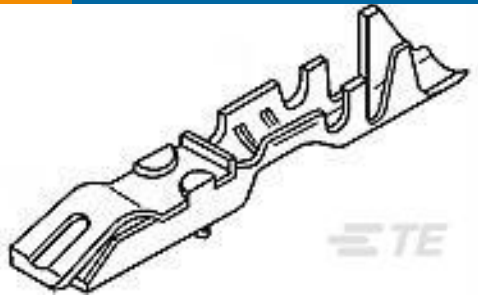
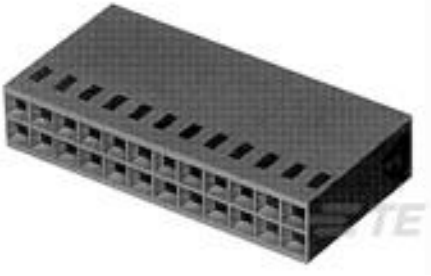


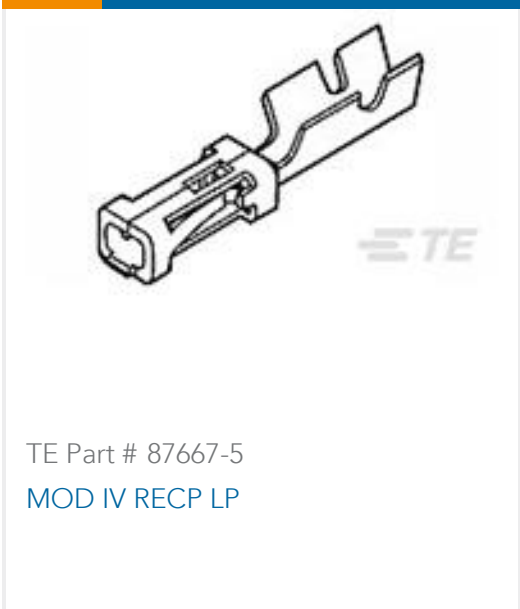
 TE Part # 867052-1 LOCKING CLIP CONT ASSY .025 SQ	 TE Part # 87165-1 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 87165-2 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 5-146259-4 08 MODII HDR DRST B/A .100 LF
 TE Part # 5-147279-7 08 MODII HDR DR SFMT B/A T&R LF	 TE Part # 5-102975-4 08 MODII HDR DRRRA B/A .100CL	 TE Part # 5-103330-4 08 MODII HDR DRRRA B/A .100 CL LF	 TE Part # 5-147292-6 08 MODII HDR DR SFMT B/A T&R, Lead-Free
 TE Part # 87191-1 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 1241148-4 0-966711-4MAGAZ320X	 TE Part # 5-103795-4 08 MODII HDR DRRRA B/A .100CL	 TE Part # 5-1571331-5 08 MODII HDR DRST SFMNT B/A LF T & Reel

Also in the Series | AMPMODU LOCKING CLIP

 Connector Contacts(7)	 Connector Hardware(1)	 Insertion & Extraction Tools(2)	 Wire-to-Board Connector Assemblies & Housings(89)
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Customers Also Bought

 TE Part # 2-6609006-5 15EJT1=F8137	 TE Part # 5-87165-2 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 87456-1 06 MODIV HSG COMP DR .100CL	 TE Part # 1-640445-4 14P MTA156 HDR ASSY FL/STR SN
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Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87133-9_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87133-9_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87133-9_AA.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU Locking Clip Contacts and Housings for 0.64mm Square Posts

English



Agency Approvals

UL

English