



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: **6**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
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	Receptacle
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	3 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Length	8.03 mm[.316 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	7500
Packaging Method	Box

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

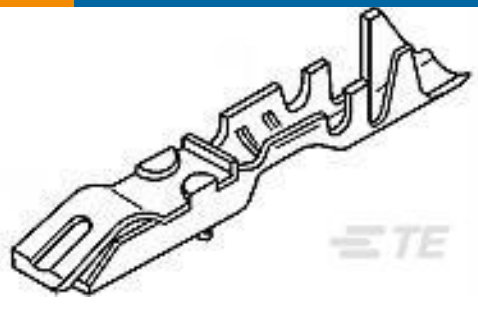
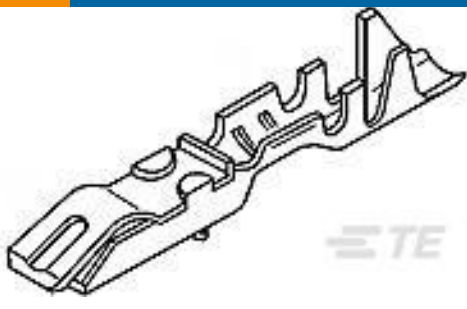
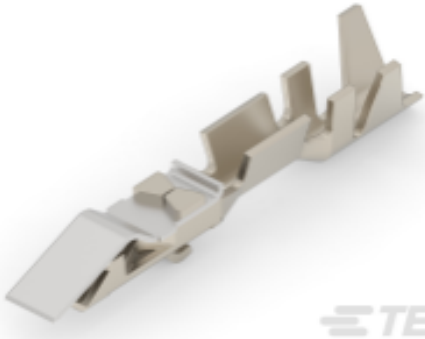
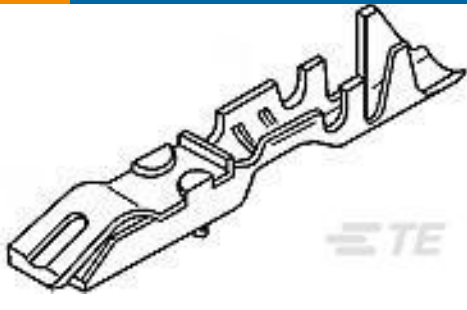
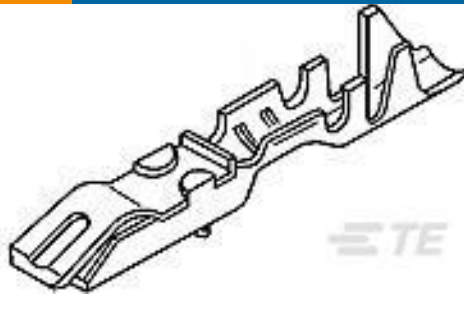


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

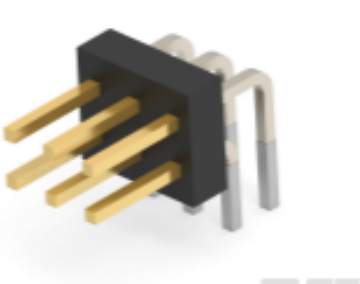
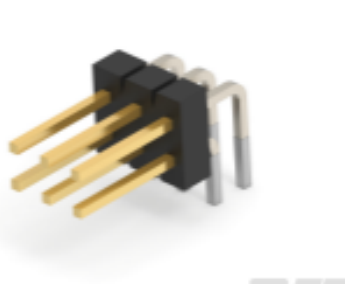
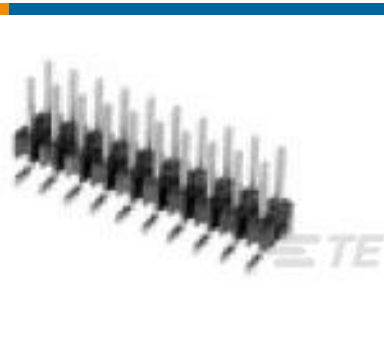
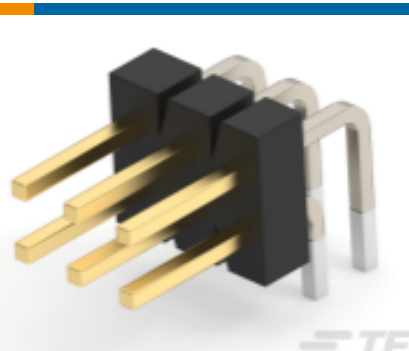
Product Compliance Disclaimer

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

 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

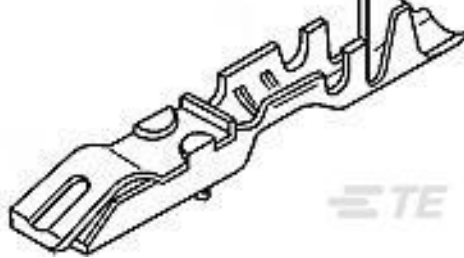


 TE Part # 87165-1 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 87165-2 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 5-147279-1 06 MODII HDR DR SFMT B/A T&R LF	 TE Part # 6-103326-3 26 MODII HDR DRRA B/A .100CL
 TE Part # 5-147292-4 06 MODII HDR DR SFMT B/A T&R, Lead-Free	 TE Part # 5-103326-3 06 MODII HDR DRRA B/A .100CL	 TE Part # 5-102975-3 06 MODII HDR DRRA B/A .100CL	 TE Part # 5-103330-3 06 MODII HDR DRRA B/A .100 CL LF
 TE Part # 867052-1 LOCKING CLIP CONT ASSY .025 SQ	 TE Part # 87191-1 LOCKING CLIP ASSY .025 SQ LP	 TE Part # 1241148-3 0-966711-3MAGAZ320X	 TE Part # 5-103801-3 06 MODII HDR DRRA B/A .100CL

Also in the Series | AMPMODU LOCKING CLIP

 Connector Contacts(7)	 Connector Hardware(1)	 Insertion & Extraction Tools(2)	 Wire-to-Board Connector Assemblies & Housings(83)
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Customers Also Bought

 TE Part #66505-3 20 DF SCKT CONT	 TE Part #1-1757820-0 AMPLIMITE,ASY,RCPT,STD,109,ZN,5, CT	 TE Part #1-770873-0 03P MINI UMNL HDR ASSY SN	 TE Part #87124-1 LOCKING CLIP CONT ASSY .025 SQ
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TE Part #967398-000
D-406-0001



TE Part #794993-1
06P UMNL BLACK INTERFACE SEAL



TE Part #1757820-9
AMPLIMITE,ASY,RCPT,STD,109,ZN,4,CT



TE Part #31890
PIDG R 22-16 COMM 22-18 MIL 8



TE Part #770038-1
06P UMNL II PLUG REAR 94VO



TE Part #770037-1
06P UMNL II PLUG-FRONT 94VO

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87133-7_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87133-7_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87133-7_AA.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_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