



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	1

Electrical Characteristics

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

Contact Features

Contact Layout	Inline
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 Type	Lock
Mating Retention	Without

Housing Features

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

Dimensions

Connector Length	20.72 mm[.82 in]
Connector Height	4.44 mm[.175 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
Approved Standards	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
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 2021 (211) Candidate List Declared Against: JAN 2021 (211)



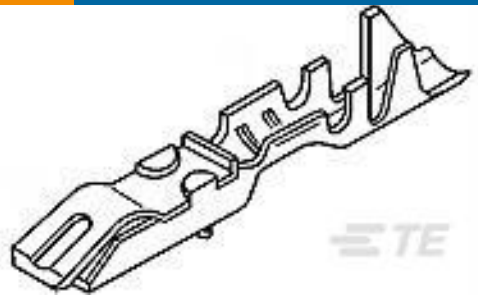
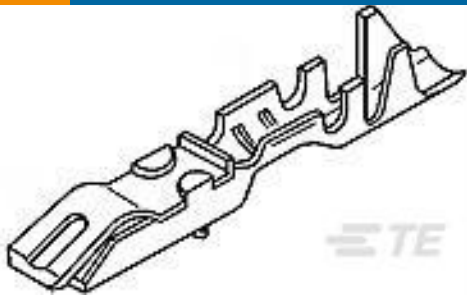
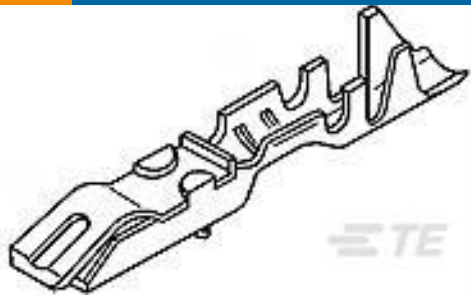
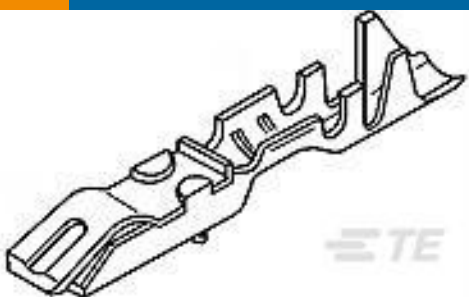
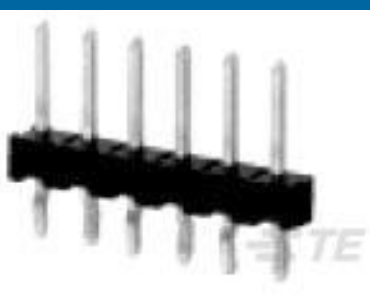
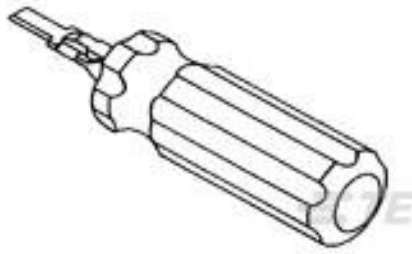
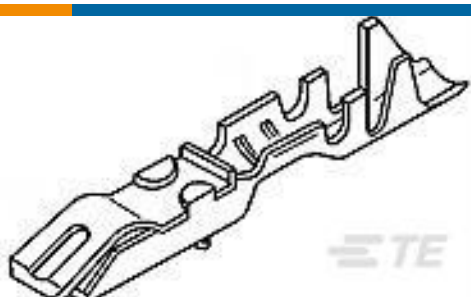
Does not contain REACH SVHC

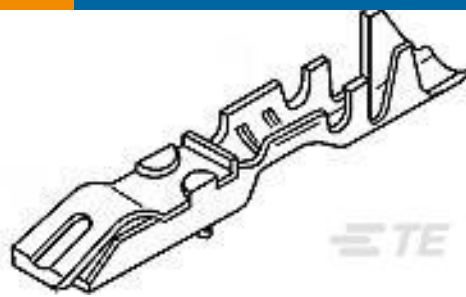
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

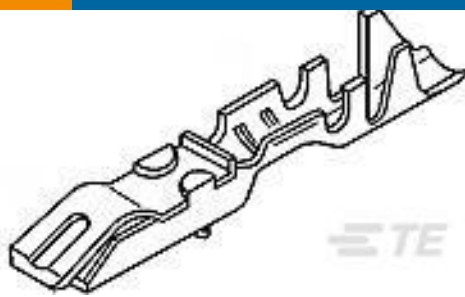
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 867052-2 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 # 103741-8 08 MODII HDR SRST B/A .100CL	 TE Part # 104344-6 08 MODII HDR SRST B/A W/HD
 TE Part # 91084-1 EXTRACTION TOOL	 TE Part # 5-146281-8 08 MODII HDR SRST B/A .100CL	 TE Part # 87190-1 LOCKING CLIP CONT ASSY .025 SQ	 TE Part # 5-87124-2 LOCKING CLIP CONT ASY .025 SQ



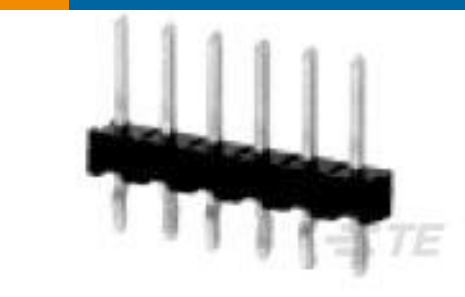
TE Part # 87124-1
LOCKING CLIP CONT ASSY .025 SQ



TE Part # 5-867052-1
LOCKING CLIP CONT ASSY .025 SQ



TE Part # 103327-8
08 MODII HDR SRST B/A .100CL



TE Part # 104345-6
08 MODII HDR SRST B/A W/HD



TE Part # 4-103321-6
08 MODII HDR SRST B/A .100CL



TE Part # 5-103324-4
08 MODII HDR DRR A B/A .100CL LF



TE Part # 5-146276-8
08 MODII HDR SRST B/A .100CL



TE Part # 5-146277-8
08 MODII HDR SRST B/A .100CL

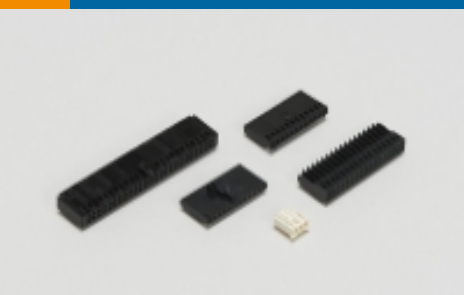
Also in the Series | AMPMODU LOCKING CLIP



Insertion & Extraction Tools(4)



PCB Connector Keying(1)

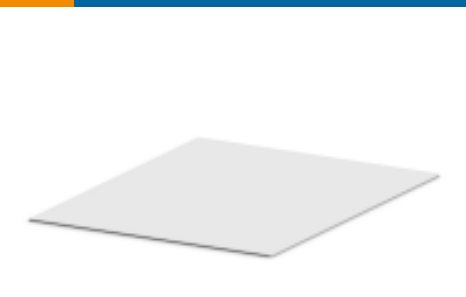


Wire-to-Board Connector Assemblies
& Housings(89)



Wire-to-Board Connector Contacts(7)

Customers Also Bought



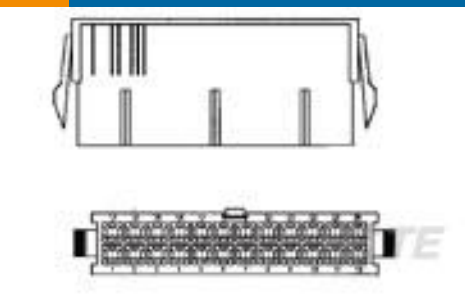
TE Part #1-5088450-0
Ribbon Cable Connector: Pull Loop



TE Part #1056443-1
2831 7388 02



TE Part #1-87175-2
05 LOCKING CLIP HSG SR .100CL



TE Part #1586018-8
8P PM PLUG VAL-U-LOK V0



TE Part #1-770996-3
13P SL 156 HSG W/TABS W/O LR



TE Part #1-87175-4
06 LOCKING CLIP HSG SR .100CL



TE Part #YACT26JJ35PDV00100
Straight Plug D38999, J35 Insert



TE Part #2-1633738-0
CRIMPER, WIRE F .063



Documents

Product Drawings

08 LOCKING CLIP HSG SR .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-87175-8_U.3d_igs.zip

English

Customer View Model

ENG_CVM_1-87175-8_U.3d_stp.zip

English

Customer View Model

ENG_CVM_1-87175-8_U.2d_dxf.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

Product Environmental Compliance

MD_1-87175-8_12202018218_dmtec

English

MD_1-87175-8_12202018218_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU Locking Clip Contacts and Housings for 0.64mm Square Posts



English

[Agency Approvals](#)

[UL Report](#)

English