



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: **10**

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	10
Number of Rows	2

Housing Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Connector Height	7.62 mm[.3 in]
Connector Length	13.11 mm[.516 in]

Body Features



Primary Product Color	Black
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Mechanical Attachment

Mating Retention	Without
Mating Retention Type	Lock

Contact Features

Contact Current Rating (Max)	3 A
Contact Type	Socket

Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

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

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	250

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

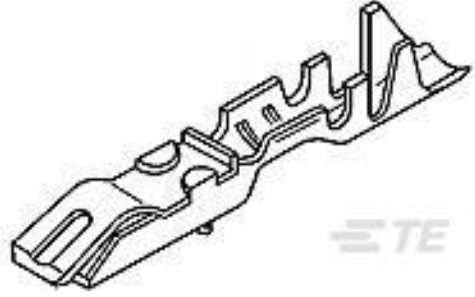
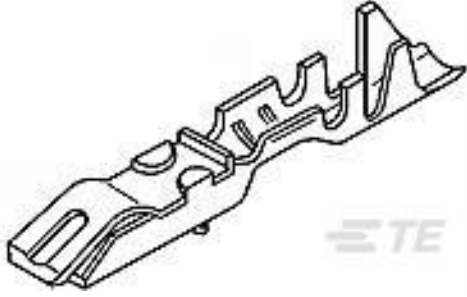
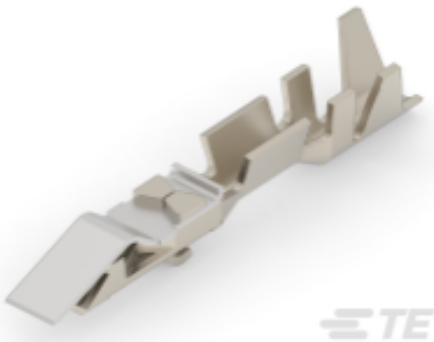
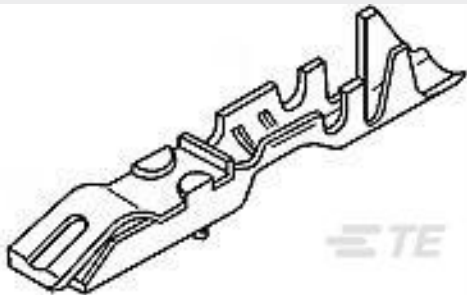
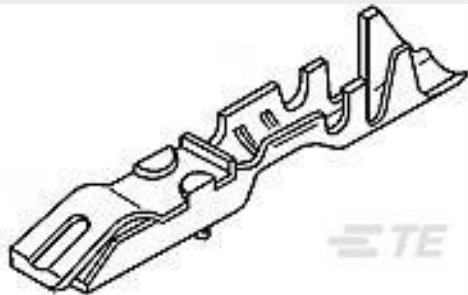


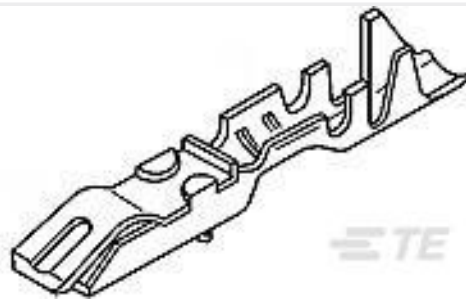
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

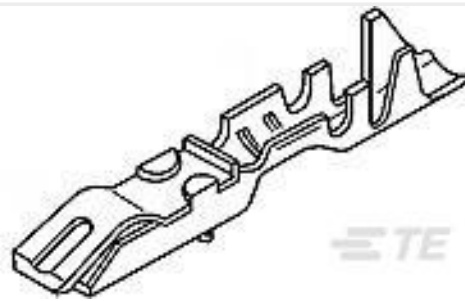
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



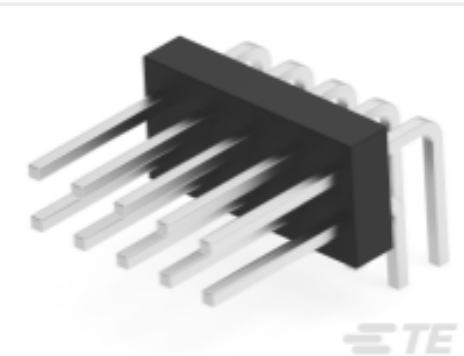
TE Part # 867052-1
LOCKING CLIP CONT ASSY .025 SQ



TE Part # 87165-2
LOCKING CLIP ASSY .025 SQ LP



TE Part # 5-102975-5
10 MODII HDR DRRA B/A .100CL



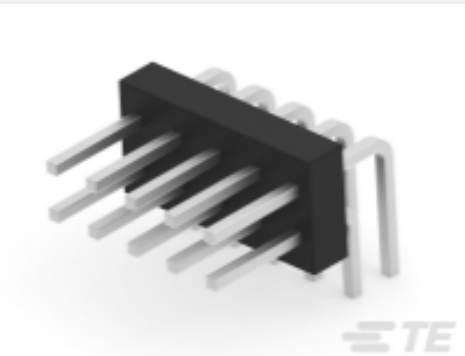
TE Part # 5-103324-5
10 MODII HDR DRRA B/A .100CL LF



TE Part # 5-147279-2
10 MODII HDR DR SFMT B/A T&R LF



TE Part # 5-103326-5
10 MODII HDR DRRA B/A .100CL



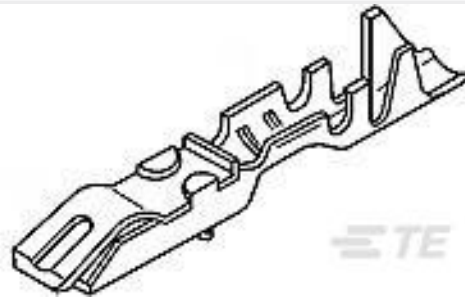
TE Part # 5-103330-5
10 MODII HDR DRRA B/A .100 CL LF



TE Part # 5-147292-2
10 MODII HDR DR SFMT B/A T&R



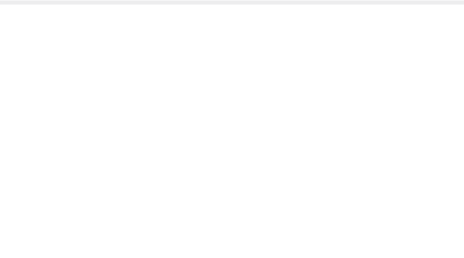
TE Part # 1241148-5
0-966711-5MAGAZ320X



TE Part # 87165-1
LOCKING CLIP ASSY .025 SQ LP



TE Part # 87191-1
LOCKING CLIP ASSY .025 SQ LP



TE Part # 2459141-1
EXTRACTION TOOL

Also in the Series | AMPMODU LOCKING CLIP



Connector Contacts(6)



Connector Hardware(1)



Insertion & Extraction Tools(2)

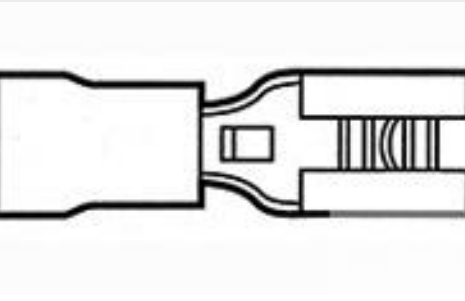


Wire-to-Board Connector Assemblies & Housings(75)

Customers Also Bought



TE Part #046571J001
Versafit-V2 Heat Shrink Tubing



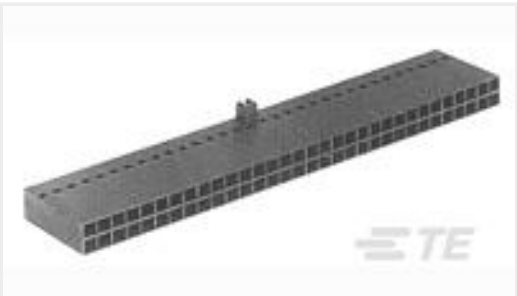
TE Part #641321-1
RECEPT PIDG FASTON 26-24 187



TE Part #T4030014041-000
M8.MLE.PNLREAR.4POS.STR.



TE Part #1579007-9
EXTRACTION TOOL



TE Part #104483-4
26 SHORT PT RCPT HSG DR .100CL



TE Part #86286-1
KEYING PLUG



TE Part #2266110-1
OCEAN_2.0_APPLICATOR-S-074F068O-RSM

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_87133-5_AC.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_87133-5_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87133-5_AC.2d_dxf.zip

English

3D PDF

3D

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

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU Locking Clip Contacts and Housings for 0.64mm Square Posts

English

Agency Approvals

UL

English