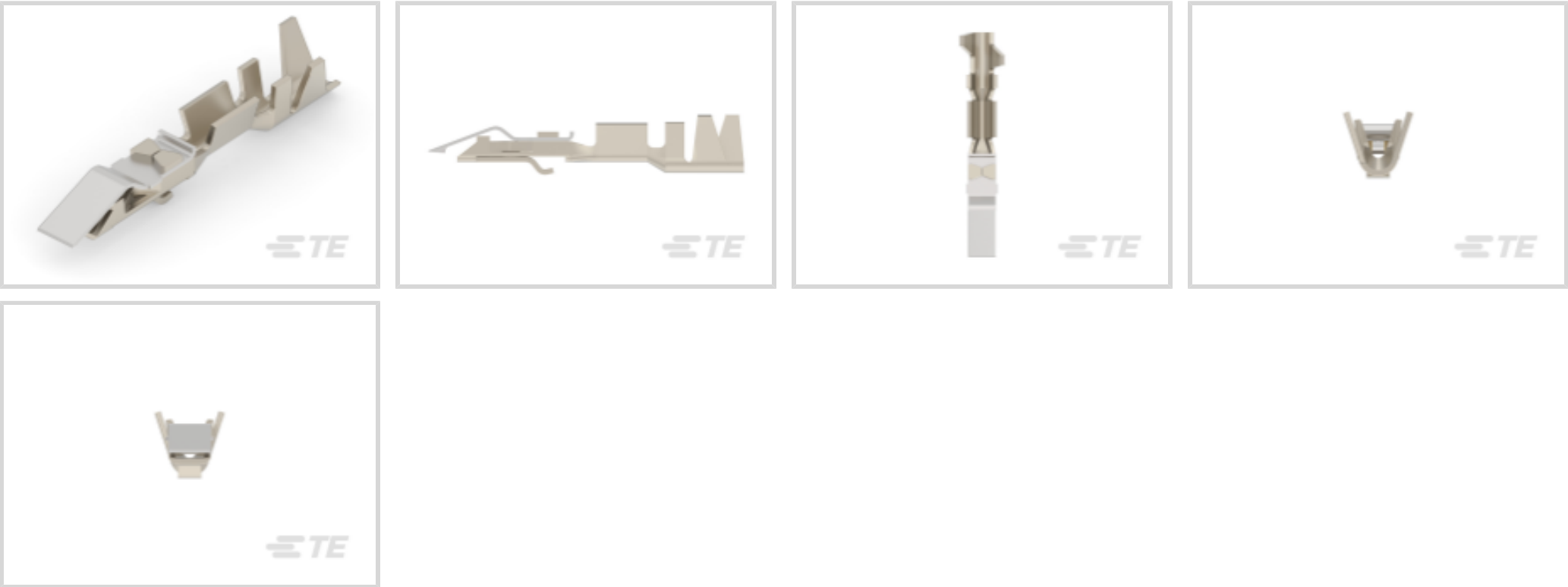




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
Wire Contact Termination Area Plating Material: **Gold Flash**
Operating Voltage: **250 VAC**
Contact Retention Within Housing: **With**

Features

Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR7189
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Packaging Features

Packaging Quantity	7000
Packaging Method	Reel/Box

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Dimensions

Compatible Insulation Diameter Range	.97 – 1.57 mm[.038 – .062 in]
Wire Size	254.1 – 642.4 CMA

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance



Electrical Characteristics

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

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Length	14.83 mm[.584 in]
PCB Contact Termination Area Plating Material	Gold Flash
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Size	.64mm
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Usage Conditions

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

Circuit Application	Signal
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Other

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EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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>

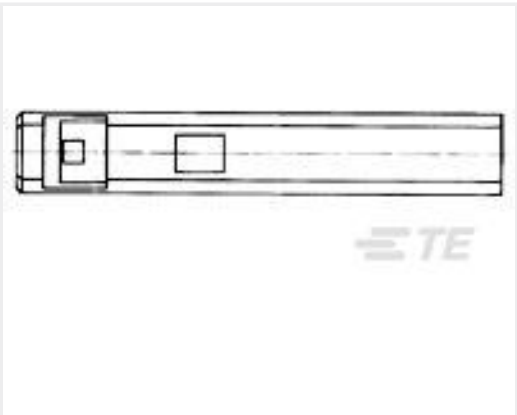
Compatible Parts

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

TE Part # 87133-1
04 LOCKING CLIP HSG DR .100CL

TE Part # 926657-6
LOCKING CLIP HSG

TE Part # 926657-3
3P LOCKG CLIP GEH



TE Part # 926657-4
LOCKING CLIP HSG



TE Part # 1-87175-0
04 LOCKING CLIP HSG SR .100CL



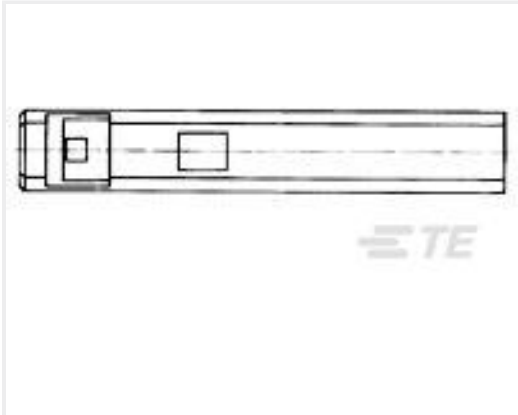
TE Part # 926209-3
LOCKING CLIP HSG.



TE Part # 1-87175-7
08 LOCKING CLIP HSG SR MRKD



TE Part # 87133-9
08 LOCKING CLIP HSG DR .100CL



TE Part # 926010-1
LOCKING CLIP HSG



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



TE Part # 87133-2
10 LOCKING CLIP HSG DR .100CL



TE Part # 926209-5
LOCKING CLIP HSG.



TE Part # 1-87133-1
12 LOCKING CLIP HSG DR .100CL



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



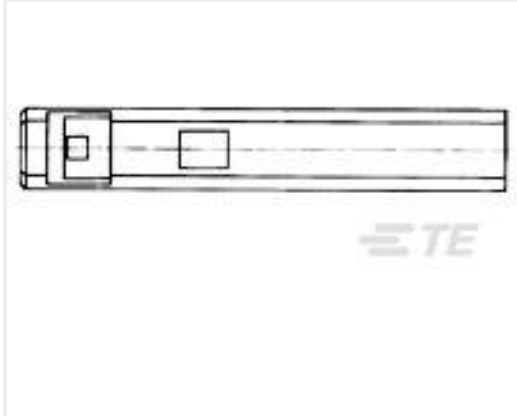
TE Part # 1-87175-8
08 LOCKING CLIP HSG SR .100CL



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



TE Part # 926209-4
2X4P LOCK-CLIP GEH



TE Part # 926657-5
5P LOCKG CLIP GEH



TE Part # 87133-5
10 LOCKING CLIP HSG DR MRKD

Customers Also Bought



TE Part #4-87456-9
04 MODIV HSG COMP DR .100CL



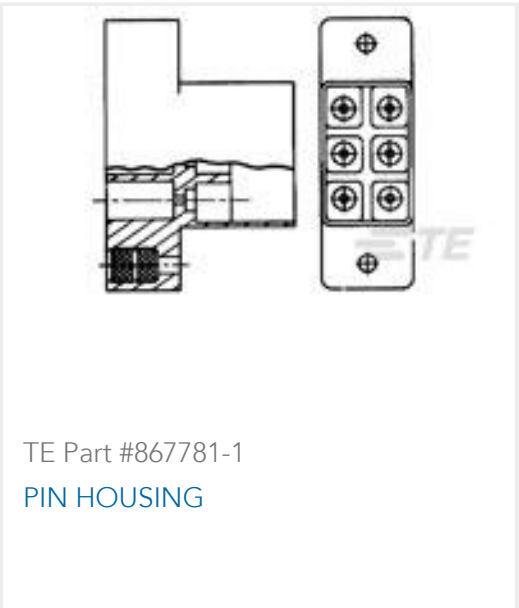
TE Part #87190-1
LOCKING CLIP CONT ASSY .025 SQ



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



TE Part #757543J001
Versafit-V2 Heat Shrink Tubing



Documents

Product Drawings

LOCKING CLIP CONT ASSY .025 SQ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_87124-1_AC.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_87124-1_AC.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_87124-1_AC.3d_stp.zip

English

Customer View Model

ENG_CVM_87124-1_S.3d_igs.zip

English

Customer View Model

ENG_CVM_87124-1_S.3d_stp.zip

English

Customer View Model

ENG_CVM_87124-1_S.2d_dxf.zip

English

3D PDF

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