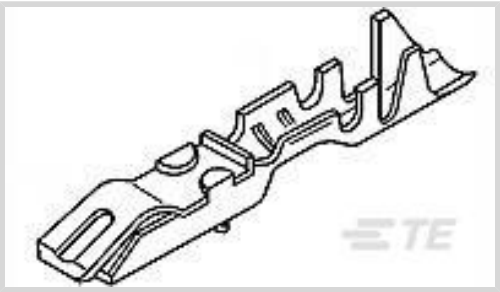




Connectors > Contacts > Connector Contacts



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

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

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 (Au)
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

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Compatible With Approved Standards Products	UL E28476
---	-----------

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag/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: JAN 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
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 # 926209-8 2X8P LOCK-CLIP GEH	TE Part # 87175-8 03 LOCKING CLIP HSG SR .100CL	TE Part # 926657-7 7P LOCKG CLIP GEH	TE Part # 1-87175-6 07 LOCKING CLIP HSG SR .100CL
TE Part # 104905-2 03 LOCKING CLIP HSG	TE Part # 1-87133-1 12 LOCKING CLIP HSG DR .100CL	TE Part # 1-87175-3 06 LOCKING CLIP HSG SR MRKD	TE Part # 926209-6 2X6P LOCK-CLIP GEH



TE Part # 2-87175-1
10 LOCKING CLIP HSG SR MRKD

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

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

TE Part # 926657-6
LOCKING CLIP HSG

TE Part # 368086-1
090II NON SLD TAB(SQ.2.0)

TE Part # 926657-5
5P LOCKG CLIP GEH

TE Part # 926657-8
LOCKING CLIP HSG

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

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

TE Part # 1-926657-1
11P LOCKG CLIP GEH

TE Part # 5-926657-4
4P LOCK-CLIP GEH

TE Part # 1-87133-5
18 LOCKING CLIP HSG DR .100CL

Customers Also Bought

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

TE Part #808761-000
202D921-3/42-0

TE Part #87133-3
20 LOCKING CLIP HSG DR .100CL

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

TE Part #3-87631-6
40 MODIV HSG DR MRKD .100 POL

TE Part #808195-000
202D163-4/42-0

TE Part #927840-5
SPT REC 6.3 Contact SRC Ag

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



Documents

Product Drawings

[LOCKING CLIP ASSY .025 SQ LP](#)

English

CAD Files

Customer View Model

[ENG_CVM_87165-1_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_87165-1_R.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_87165-1_R.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_87165-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87165-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_87165-1_N.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

Hand Crimping Tool 90289-1

English

Instruction Sheet (U.S.)

English

AMPMODU Locking Clip Contacts and Housings for 0.64mm Square Posts

English