

87278-2 ✓ ACTIVE

AMPMODU | AMPMODU LOCKING CLIP

TE Internal #: 87278-2

Socket Contact, Gold, 250 VAC, 22 – 18 AWG Wire Size, .3 – .9 mm²

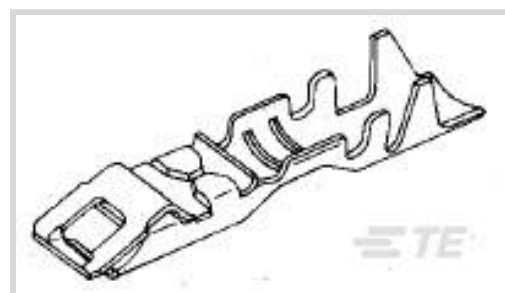
Wire Size, 642.4 – 1624 CMA Wire Size, Crimp, Phosphor Bronze,

AMPMODU LOCKING CLIP

[View on TE.com >](#)



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**

Wire Size: **22 – 18 AWG**

Features

Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	1200 V
Operating Voltage	250 VAC

Contact Features

Mating Tab Width	1.57 mm[.062 in]
Mating Tab Thickness	.78 mm[.031 in]
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment



Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.27 – 2.54 mm [.05 – .1 in]
Wire Size	642.4 – 1624 CMA

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Compatible With Approved Standards Products	UL E28476
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 91104-1
EXTRACTION TOOL



TE Part # 2217766-1
CCII LOCKING CLIP 22-18 ASSY


Also in the Series | AMPMODU LOCKING CLIP




Connector Contacts(7)



Connector Hardware(1)



Insertion & Extraction Tools(2)



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

Customers Also Bought



TE Part #5-1617785-7
FCA-410-1521L=M83536/15-021L



TE Part #YDTS26W21-41PBV001
PLUG ASSY



TE Part #2-331350-6
BNC PLUG, PTFE




TE Part #218560-001
22759/34-01-9



TE Part #ZPF000000000001878
174-0013-20



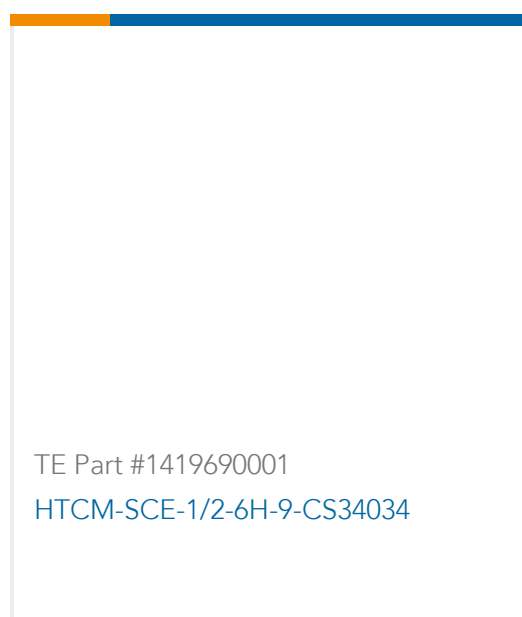
TE Part #ZPF0000000000015258
DMC-M 12-20 BB



TE Part #ES1250402BGL
ES1250402BGL=RELAY



TE Part #ZPF000000000001877
174-0013-12



Documents

Product Drawings

[LOCKING CLIP ASSY 31X62 LP](#)

English

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION_6_7AND8](#)

English

Product Specifications

[Application Specification](#)

English

[Locking Clip Contact .031 X .062](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Hand Crimping Tool 90308-1](#)

English

[Instruction Sheet \(U.S.\)](#)

English

[AMPMODU LOCKING CLIP CONTACTS AND CONNECTORS FOR .031 BY .062 POSTS](#)

English