87278-2 ✔ ACTIVE

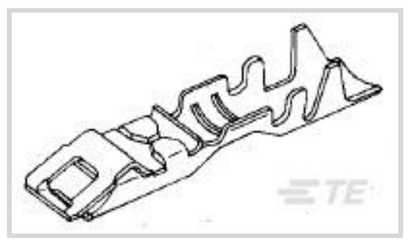
AMPMODU | AMPMODU LOCKING CLIP

TE Internal #: 87278-2

Gold (Au), Socket Contact, 22 – 18 AWG, 250 VAC, .3 – .9 mm² Wire, 642.4 – 1624 CMA, Crimp, Phosphor Bronze, Signal, AMPMODU LOCKING CLIP

View on TE.com >

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**

Wire Size: **22 – 18 AWG**

Features

Electrical Characteristics

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

Contact Features

Contact Underplating Material	Nickel
Mating Tab Thickness	.78 mm[.031 in]
PCB Contact Termination Area Plating Material	Gold Flash
Mating Tab Width	1.57 mm[.062 in]
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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

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]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	UL E28476

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	1000

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

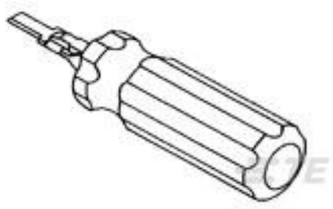
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2217766-1
CCII LOCKING CLIP 22-18 ASSY

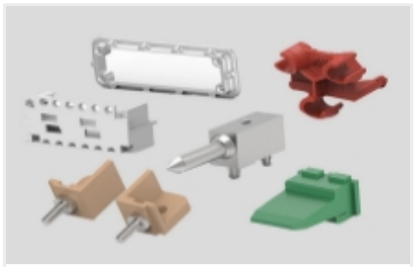


TE Part # 91104-1
EXTRACTION TOOL

Also in the Series | AMPMODU LOCKING CLIP



Connector Contacts(5)



Connector Hardware(1)



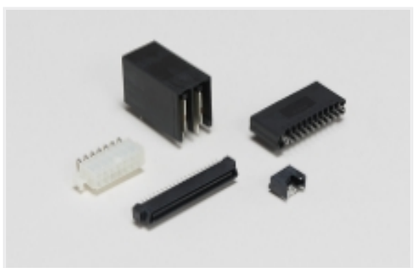
Insertion & Extraction Tools(2)



Rectangular Connector Housings(53)



Rectangular Power Connectors(32)



Standard Rectangular Connectors(53)



Wire-to-Board Connector Assemblies & Housings(53)

Customers Also Bought



TE Part #0641-1-2031L
CONT PIN



TE Part #EM7085-000
THA-PDKG-17



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #322375
DIAMOND GRIP 16-14 HR R 10



TE Part #322777
PIDG SPDFLG 22-16COMM22-18MIL6



TE Part #7-1393114-7
KUHP-11D51-12=KU



TE Part #ZPF000000000001878
174-0013-20



TE Part #ZPF000000000001877
174-0013-12

TE Part #ER6599-000
D-436-36CS9376

Documents

Product Drawings

LOCKING CLIP ASSY 31X62 LP

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