

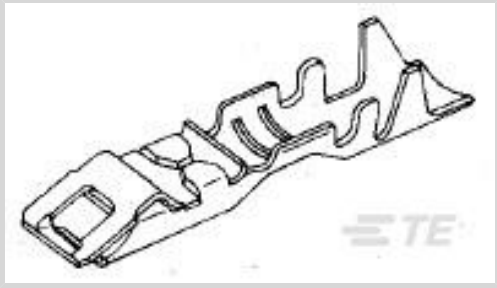
TE Internal #: 87269-1

Socket Contact, Tin-Lead, 250 VAC, 22 – 18 AWG, .3 – .9 mm² Wire, 642.4 – 1624 CMA, Crimp, Phosphor Bronze, Signal, AMPMODU LOCKING CLIP

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Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Contact Termination Area Plating Material: **Tin-Lead**

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	Tin-Lead
Mating Tab Width	1.57 mm[.062 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
Wire Contact Termination Area Plating Material	Tin-Lead
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	CSA LR16455, UL E28476
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Packaging Features

Packaging Method	Strip
Packaging Quantity	6000

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in 4690948374) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

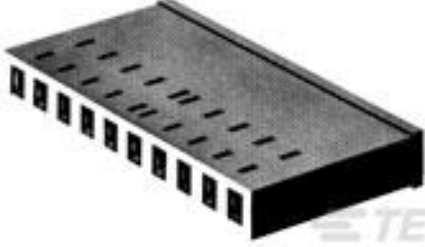
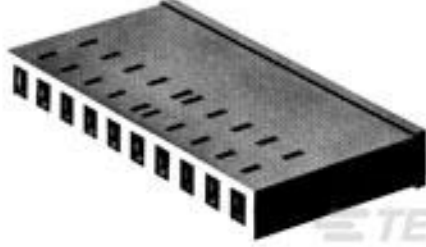
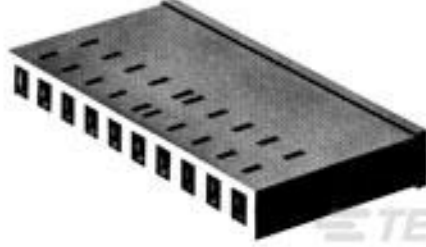
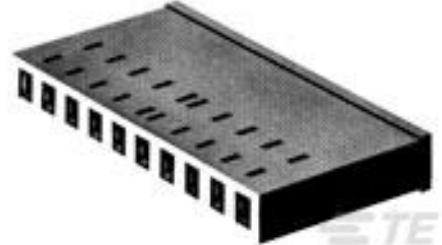
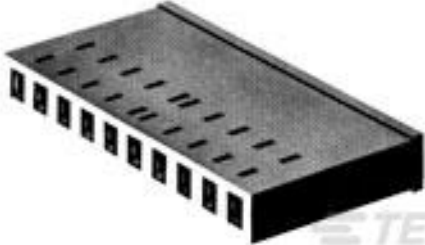
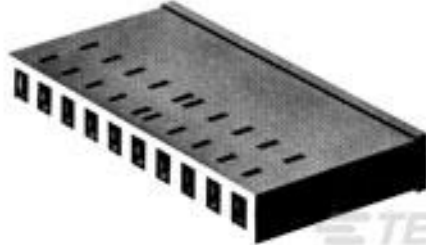
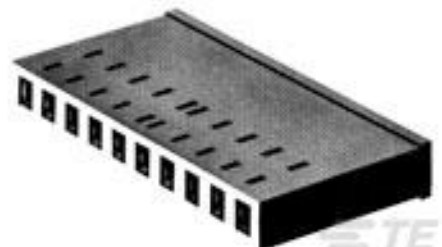
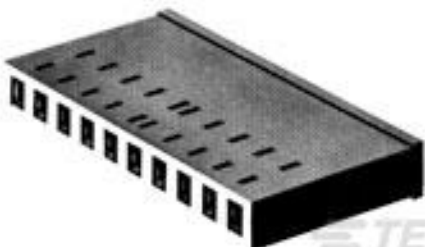
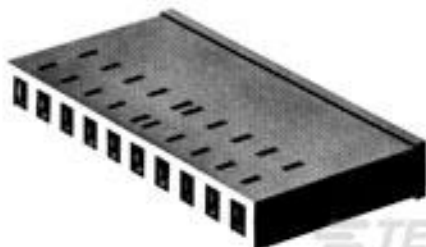
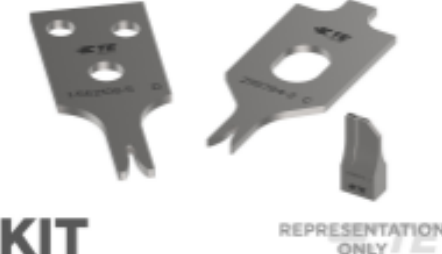
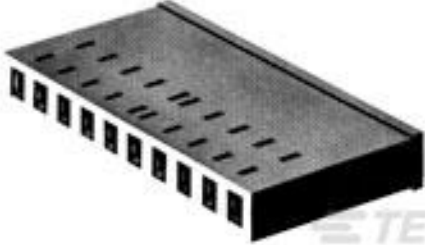
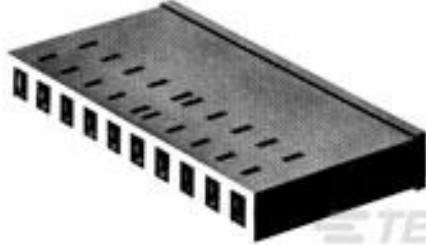
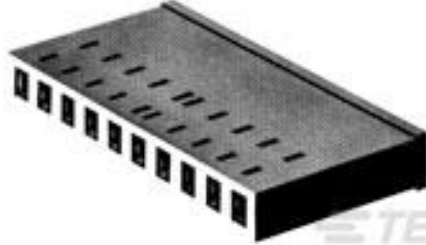
Product Compliance Disclaimer

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

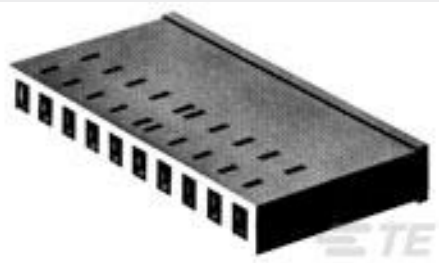


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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>

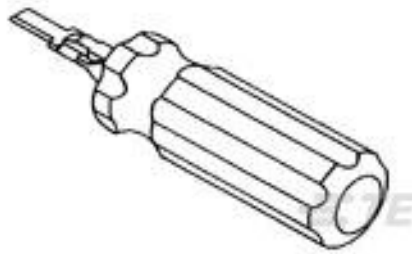
Compatible Parts

 TE Part # 2836425-1 OCEAN_2.0_Applicator-S-070F1100-RSM	 TE Part # 1-87270-5 07 LOCK CLIP HSG SR .156CL	 TE Part # 87270-7 10 LOCKING CLIP HSG SR .156CL	 TE Part # 87270-6 08 LOCKING CLIP HSG SR .156CL
 TE Part # 1-87270-4 05 LOCK CLIP HSG SR .156CL	 TE Part # 1-87270-2 05/06 LOCK CLIP HSG SR .156CL	 TE Part # 2217766-1 CCII LOCKING CLIP 22-18 ASSY	 TE Part # 87270-4 04 LOCKING CLIP HSG SR .156CL
 TE Part # 1-87270-3 03 LOCK CLIP HSG SR .156CL	 TE Part # 1-87270-6 09 LOCK CLIP HSG SR .156CL	 TE Part # 87270-5 06 LOCKING CLIP HSG SR .156CL	 TE Part # 2836425-2 OCEAN_2.0_Applicator-S-070F1100A-RSA
 TE Part # 7-2836425-7 OCEAN_2.0_SPARE_PART_KIT-070F1100	 TE Part # 1-87270-0 4/05 LOCK CLIP HSG SR .156CL	 TE Part # 87270-8 12 LOCKING CLIP HSG SR .156CL	 TE Part # 87270-1 01 LOCKING CLIP HSG SR .156CL





TE Part # 87270-2
02 LOCKING CLIP HSG SR .156CL



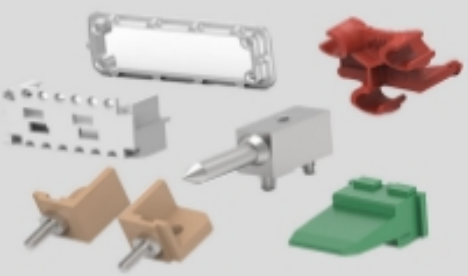
TE Part # 91104-1
EXTRACTION TOOL

Also in the Series

AMPMODU LOCKING CLIP



Connector Contacts(6)



Connector Hardware(1)



Insertion & Extraction Tools(2)

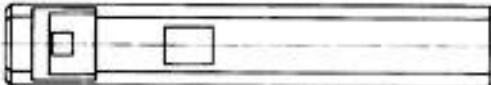


Wire-to-Board Connector Assemblies & Housings(75)

Customers Also Bought



TE Part #206036-1
RECEPT,SZ 17-16 CPC



TE Part #926657-6
LOCKING CLIP HSG



TE Part #350690-1
UMNL PIN 24-18 PTPBR L/P



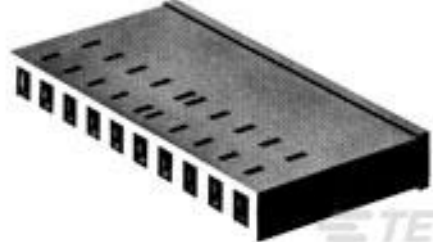
TE Part #90548-1
ASSY PRO-CRIMPER UNIV M-N-L



TE Part #L9000127-01
Antenna Adh 5G Cell 1.13 100 UFL



TE Part #66593-4
TYPE VI PIN,MULTI-MATE,L.P.



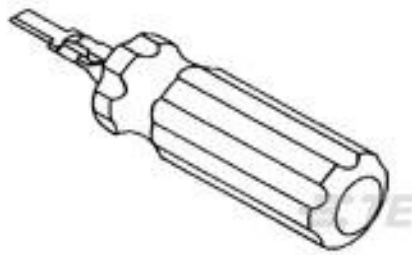
TE Part #87270-2
02 LOCKING CLIP HSG SR .156CL



TE Part #350689-1
UMNL SOK 24-18 PTPBR L/P



TE Part #8-1676481-4
CPF 0603 24K 0.1% 25PPM 1K RL



TE Part #305183
EXTRACT TOOL TYPE 2 20-16



Documents

Product Drawings

LOCKING CLIP CONT ASSY 31X62

English

Product Specifications

Application Specification

English

Locking Clip Contact .031 X .062

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU LOCKING CLIP CONTACTS AND CONNECTORS FOR .031 BY .062 POSTS

English