867052-2 ✔ ACTIVE

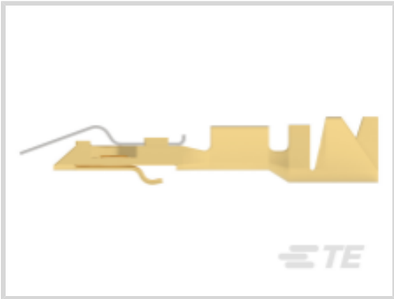
AMPMODU

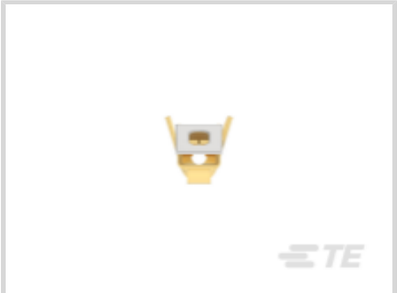
TE Internal #: 867052-2

Gold (Au), Socket Contact, 20 AWG, 250 VAC, .5 mm² Wire, Locking Spring Contact Retention, 1021 CMA, Discrete Wire, Crimp, Phosphor Bronze, Signal

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**

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 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 Spring

Dimensions

Compatible Insulation Diameter Range	.97 – 1.57 mm[.038 – .062 in]
Wire Size	1021 CMA

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476

Packaging Features

Packaging Quantity	7000
Packaging Method	Reel

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 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

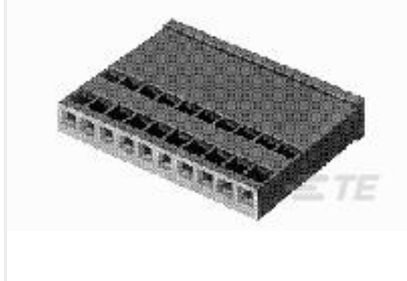
Product Compliance Disclaimer

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 # 1-87175-9
09 LOCKING CLIP HSG SR MRKD

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



TE Part # 1-926657-5
15P LOCKG CLIP GEH

TE Part # 104905-1
02 LOCKING CLIP HSG

TE Part # 1-87133-3
16 LOCKING CLIP HSG DR .100CL

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

TE Part # 1-87133-4
16 LOCKING CLIP HSG DR MRKD

TE Part # 1-926657-0
10P LOCKG

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

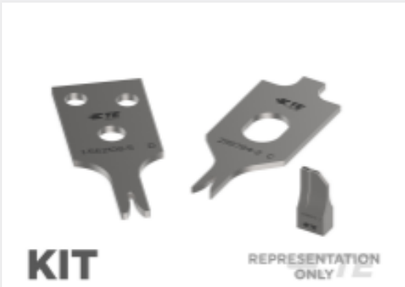
TE Part # 1-926657-2
12P LOCKG CLIP GEH

TE Part # 2-87175-8
13 LOCKING CLIP HSG SR .100CL

TE Part # 2-87175-4
11 LOCKING CLIP HSG SR .100CL

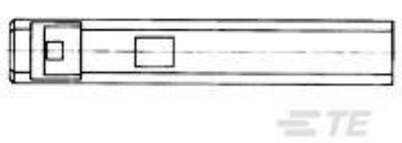
TE Part # 3-87175-0
14 LOCKING CLIP HSG SR .100CL

TE Part # 5-926657-2
2P LOCK-CLIP GEH



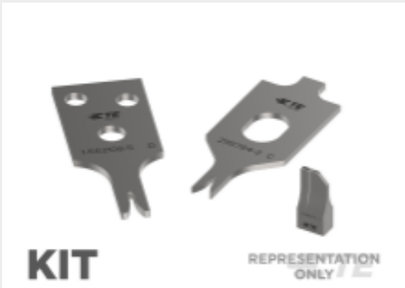
TE Part # 7-2266021-7
OCEAN_2.0_SPARE_PART_KIT-055F070O

TE Part # 87175-3
15 LOCKING CLIP HSG SR MRKD



TE Part # 926010-1
LOCKING CLIP HSG

TE Part # 926209-3
LOCKING CLIP HSG.



TE Part # 7-2151639-7
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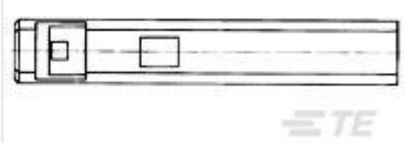
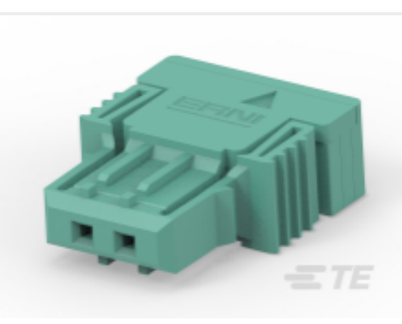


TE Part # 926657-2
LOCKING CLIP HSG

Customers Also Bought

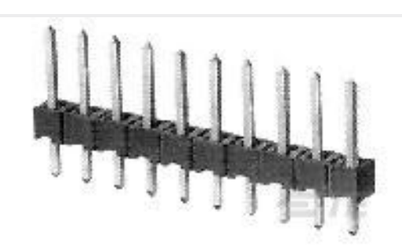


TE Part #364200-E
SRCBUG A 2,54 2 2 CSI 164 E1 ADV J 2 324

TE Part #650087-000
D-436-26

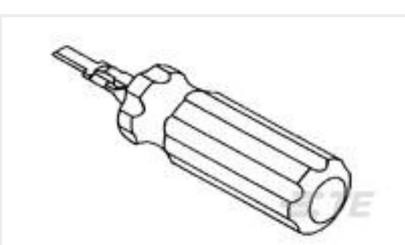
TE Part #201357-3
MALE BLOCK - 34 PL. SER. "M"

TE Part #324058
TERMINAL,T-N R 1/0 1/2

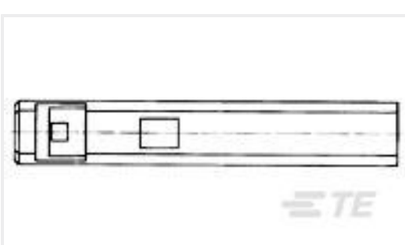


TE Part #1-825433-0
MOD 2 PINHDR 1X10P.

TE Part #5-825440-0
MOD 2 PINHDR 2X50P.



TE Part #843473-1
EXTRACTION TOOL



TE Part #926657-4
LOCKING CLIP HSG

TE Part #1-1625959-5
HB03RE 20M 1% 100PPM

TE Part #K1163352
Micro Switch MZX1 361 304 931

Documents

Product Drawings

LOCKING CLIP CONT ASSY .025 SQ

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_867052-2_Z.2d_dxf.zip

English

Customer View Model

ENG_CVM_867052-2_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_867052-2_Z.3d_stp.zip

English

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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