193990-2 ✔ ACTIVE

AMP

TE Internal #: 193990-2

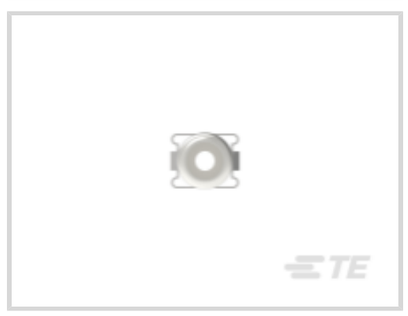
Silver (Ag), Socket Contact, 8 AWG, 600 VAC, 600 VDC, 8 mm² Wire, Retention Clip Contact Retention, Size 8, Discrete Wire, Crimp, Copper Alloy, Power

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Silver (Ag)**

Wire Contact Termination Area Plating Material: **Silver**

Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Contact Length	30.5 mm[1.2 in]
Barrel Type	Closed
Contact Type	Socket
Contact Mating Area Plating Material	Silver (Ag)
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Size	Size 8

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	60 A
Mating Pin Diameter	3.63 mm[.143 in]
Contact Mating Area Plating Material Thickness	1.016 µm[40 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	5.08 µm[200 µin]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.02 µm[40 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Retention Clip
Wire Insulation Support	Without

Dimensions

Wire Size	8 mm²

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	50
Packaging Method	Bag

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: JAN 2025 (247) 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 # 356119-1
POSITIONER TP1068S



TE Part # 356114-1
CRIMPING TOOL M310

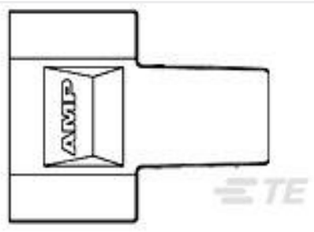


TE Part # 7-1579008-6
UNLOCKING TOOL

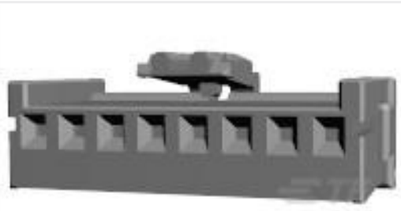
Customers Also Bought



TE Part #3-644463-4
04P MTA156 CONN ASSY 22AWG RED



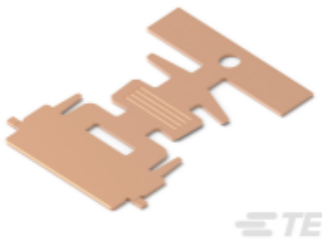
TE Part #747932-1
09 SHIELD ENCLOSURE HDP



TE Part #917692-1
2.5 SIGNAL D/LOCK PLUG HSG 8P



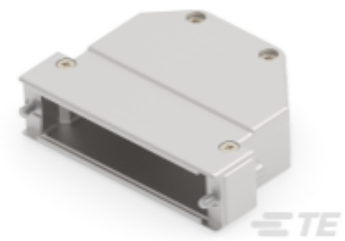
TE Part #2-1445053-2
MICRO MNL HDR ASSY S/ROW LF



TE Part #1-1600961-7
CONT 12-16 AWG PWR, MFBL PLATE



TE Part #1651904-1
711-0104-02109=CONTACT,PIN,#8



TE Part #1-2308346-1
FULL METAL HOODS SIZE 5

TE Part #6450378-9
MBXL R/A RCT,A/C PASS THRU 3ACP+4P+24S

TE Part #1SNA150050R0000
THB30-P6

TE Part #6651428-1
CONN,SKT,RT<,SLDR,FLATPAQ

Documents

Product Drawings

SKT ASSY,TYPE XII, #8 AWG

English

CAD Files

Customer View Model

ENG_CVM_CVM_193990-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_193990-2_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_193990-2_B.2d_dxf.zip

English

3D PDF

3D

3D PDF

English

Customer View Model

ENG_CVM_193990-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_193990-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_193990-2_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English