



Connectors > Contacts > Connector Contacts



Contact Type: **Hermaphroditic**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	3 – 8 µm[3 – 8 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2 – 4 µm[79 – 157 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Hermaphroditic
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	35 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	9.14 mm[.36 in]
Wire Size	3 – 8 mm ²

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	250
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

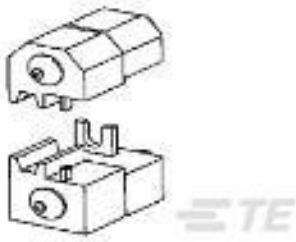
Product Compliance Disclaimer

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 # 90348-2
HIGH CURRENT HERMAPHRODITIC 8
DIE SET



TE Part # 90349-2
HIGHCURRENT HERMAPHRODITIC
12-10 DIE SET

Customers Also Bought



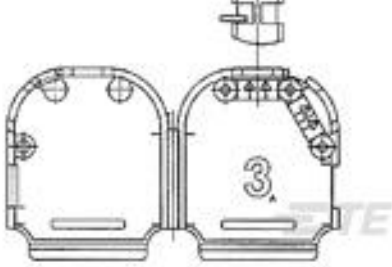
TE Part #206425-1
17-3 RECPT. REV SEX



TE Part #640250-6
06P SL156 HSG W/LCK RAMP NATL



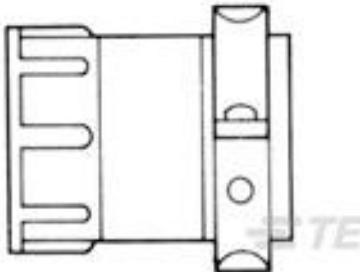
TE Part #5745173-4
CABLE CLAMP KIT,SZ 3



TE Part #5750100-1
KIT,SZ 1 CABLE CLAMP



TE Part #5745171-1
SIZE 1 ASSY KIT .250



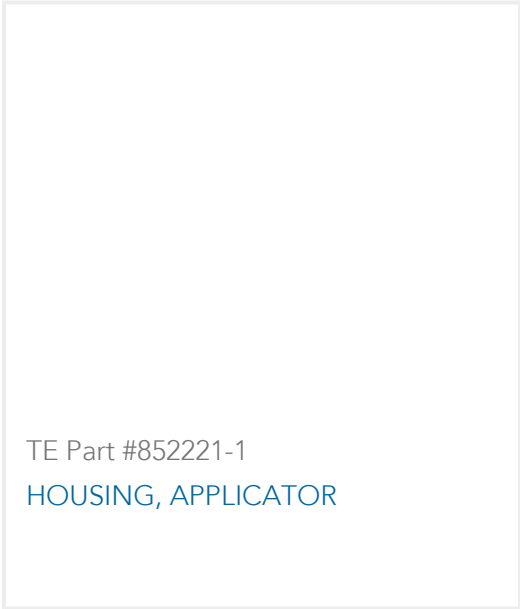
TE Part #206512-5
CLAMP,CABLE SHELL,SIZE 23



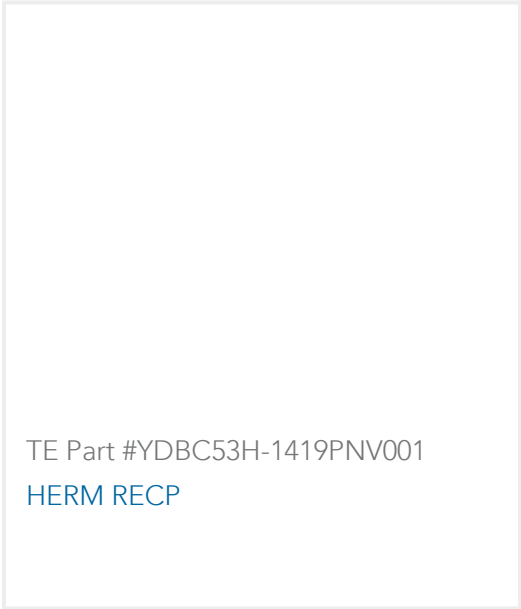
TE Part #1-480707-0
09P UMNL CAP HSG NATL



TE Part #1546306-8
8P .374" DR BARRIER STRIP



TE Part #852221-1
HOUSING, APPLICATOR



TE Part #YDBC53H-1419PNV001
HERM RECP

Documents

Product Drawings



HERM HI/CUR TERM 12-8 LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_350821-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_350821-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_350821-1_E.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_350821-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_350821-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_350821-1_C.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1654742_HOUSEHOLD_APPLIANCES_RAST5

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Crimping Die Assemblies 90347-2, 90348-2, and 90349-2

English