350821-1

DO NOT USE FOR NEW DESIGN

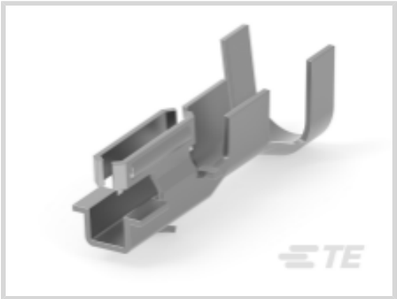
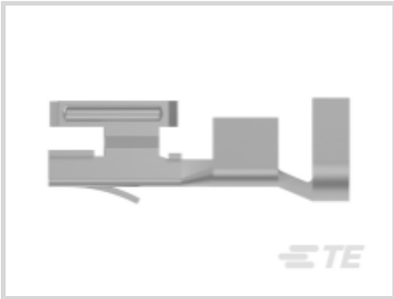
AMP

TE Internal #: 350821-1

Tin (Sn), Hermaphroditic Contact, 12 – 8 AWG, 600 VAC, 600 VDC, 3 – 8 mm² Wire, Crimp, Phosphor Bronze, Power, -55 – 85 °C [-67 – 185 °F]

View on TE.com >

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

Contact Features

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
Contact Mating Area Plating Material Thickness	3 – 8 µm[3 – 8 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	2 – 4 µm[79 – 157 µin]
Wire Contact Termination Area Plating Material Finish	Bright

Contact Orientation	Straight

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	3 – 8 mm²
Compatible Insulation Diameter Range	9.14 mm[.36 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

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: 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 # 90349-2
HIGHCURRENT HERMAPHRODITIC 12-10 DIE SET

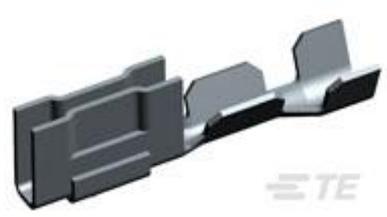
TE Part # 90348-2
HIGH CURRENT HERMAPHRODITIC 8 DIE SET

Customers Also Bought

TE Part #32883
TERMINAL,PIDG R 12-10 10

TE Part #292174-3
CT BOX HDR V SMT 3P O/TAPE NAT

TE Part #1-745492-7
09 HDE MS PLUG,26-30,LEAD FREE

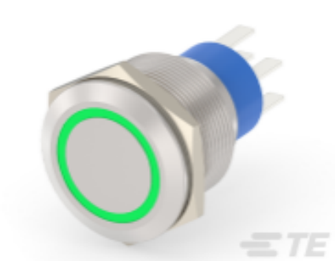


TE Part #1375819-3
CST-100 II CONTACT 30 GOLD PLT

TE Part #1622205-1
LR0204 1% 270R

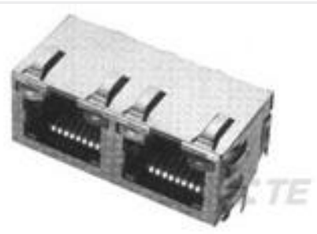
TE Part #3-1623933-3
CFR50 5% 4K3

TE Part #1939870-1
SD CARD CONNECTOR EMBOSS ASSY



TE Part #5-2213772-5
AV22 DPM 3A MOVE RING LED GREEN 24V

TE Part #2355444-1
RJ45 PROTECTION CAP



TE Part #6116353-1
INV MJ,1X2,PNL GRD,LED (G/Y)

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