

350650-1 ✓ ACTIVE

AMP

TE Internal #: 350650-1

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

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Hermaphroditic**

Contact Mating Area Plating Material: **Tin**

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

Wire Contact Termination Area Plating Thickness	2 – 4 μm[79 – 157 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	3 – 8 μm[3 – 8 μin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Type	Hermaphroditic
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	35 A
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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	740
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 643267-1
HI-CURRENT CONNECTOR



TE Part # 643266-1
HCCC STRAIN RELIEF



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 2836142-2
OCEAN_2.0_Applicator-S-180F375F



KIT
REPRESENTATION ONLY

TE Part # 7-2836142-7
OCEAN_2.0_SPARE_PART_KIT-180F375F

Customers Also Bought



TE Part #1-917808-2
DYNAMIC D-5200M TAB HSG 4P X-X



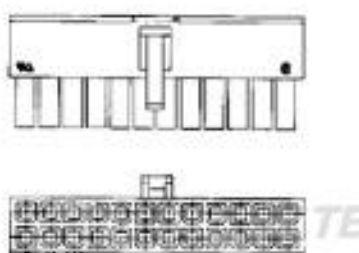
TE Part #1-1827862-5
DYNAMIC 1100D REC HSG 10P X BLACK




TE Part #179955-2
Contact: Component To Wire ; 20-45A · 20-8 wire size




TE Part #1-327717-2
PIDG SPD 22-16 COMM 22-18MIL 4



TE Part #1586019-4
4P RCPT VAL-U-LOK V0



TE Part #2-321518-1
TERMINAL,PG R 16-14HD 10



TE Part #62612-2
RING .164 12-10 AWG 0245 TPCRS



TE Part #1-172167-2
4 POS DR MINI UNIV



Documents

Product Drawings

[HCC 12-18 025PTPHBZ,LUBED](#)

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_350650-1_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350650-1_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_350650-1_Y.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_350650-1_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_350650-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_350650-1_H.3d_stp.zip](#)

English

3D PDF

English

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Datasheets & Catalog Pages

[1654742_HOUSEHOLD_APPLIANCES_RAST5](#)

English

Product Specifications

Application Specification

English

Application Specification

Japanese

High Current Connector Contact

English

Application Specification

Japanese

High Current Connector Contacts

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



Japanese