

350650-1 ✓ ACTIVE

AMP

TE Internal #: 350650-1

Power Contacts, Contact, 600 VAC, 600 VDC, Tin, 12 – 8 AWG Wire Size, 3 – 8 mm<sup>2</sup> Wire Size, Wire-to-Wire, 1 Position, Wire & Cable, Crimp, Power

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Operating Voltage: **600 VDC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **12 – 8 AWG**

## Features

### Product Type Features

Power Contact Type	Contact
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Positions	1
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### Electrical Characteristics

Operating Voltage	600 VDC
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	35 A
Contact Type	Hermaphroditic
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material Thickness	2 µm[79 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2 – 4 µm[79 – 157 µin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	3 – 8 mm <sup>2</sup>
Accepts Wire Insulation Diameter Range	9.14 mm[.36 in]

### 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 Method	Reel
Packaging Quantity	740

### Other

Wire Type	Stranded
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## 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC

## Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

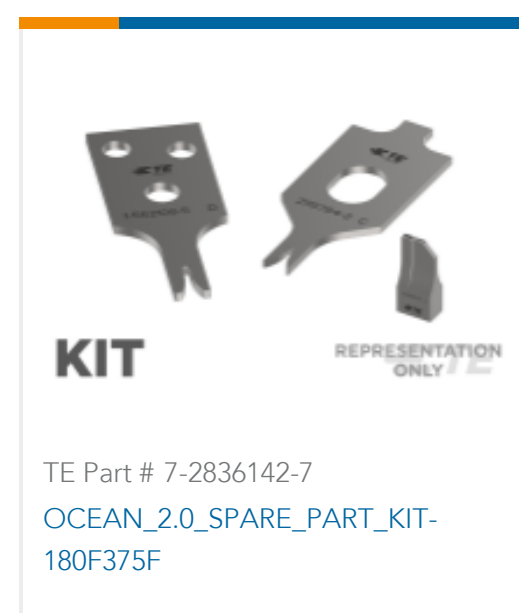
## Solder Process Capability

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



## 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

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### Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Japanese

[High Current Connector Contact](#)

English

[Application Specification](#)

Japanese

[High Current Connector Contacts](#)

Japanese

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### Product Environmental Compliance

[TE Material Declaration](#)

English