TE Internal #: H1131000501-000

1 Position Circular Power Connector, Connector Assembly, 1500

VDC, 95 mm² Wire, Cable-to-Panel, Sealable, Wire & Cable, Plug,

Power, Orange

View on TE.com >



Connectors > Power Connectors > Circular Power > Circular Power Connectors > Efficient Integration: HPC 350A Connector for BESS Applications











Number of Positions: 1

Connector Product Type: Connector Assembly

Operating Voltage: 1500 VDC

Wire Size: 95 mm²

Connector System: Cable-to-Panel

All Efficient Integration: HPC 350A Connector for BESS Applications (12)

# **Features**

# **Product Type Features**

**Electrical Characteristics** 

Operating Voltage

Connector Seal & Plug Type	Cable Seal
Connector Product Type	Connector Assembly
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic
Configuration Features	
Number of Positions	1
Number of Power Positions	1
Number of Signal Positions	0

1500 VDC



### **Dimensions**

١	Wire Size	95 mm <sup>2</sup>	

### **Contact Features**

Contact Current Rating (Max)	350 A	

### **Termination Features**

Termination Method to Wire & Cable	Crimp & Clamp	

### **Housing Features**

Housing Color	Orange
Housing Material	66 Nylon (GF)

# **Usage Conditions**

Operating Temperature Range	-40 - 125 °C[-40 - 257 °F]
operating remperature range	10 120 0[ 10 201 1]

# Operation/Application

Circuit Application	Power
Shielded	No

# **Industry Standards**

UL Flammability Rating UL 94V-0	
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# Packaging Features

Packaging Method	Box & Tray	
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

# **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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per

1 Position Circular Power Connector, Connector Assembly, 1500 VDC, 95 mm<sup>2</sup> Wire, Cable-to-Panel, Sealable, Wire & Cable, Plug, Power, Orange



homogenous material. Also BFR/CFR/PVC Free

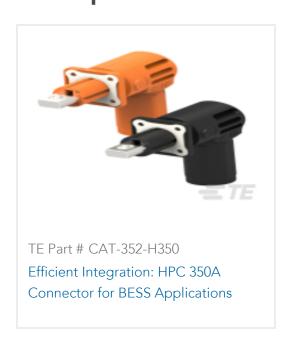
### Solder Process Capability

Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

# Compatible Parts

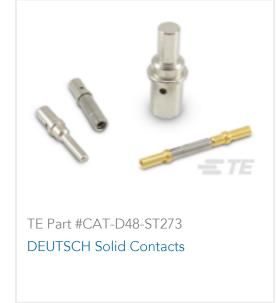


# Customers Also Bought















### **Documents**

### **Product Drawings**

HPC-350-095-F-P-OR-01-A

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_H1131000501-000\_A1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_H1131000501-000\_A1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_H1131000501-000\_A1.3d\_stp.zip

English

3D PDF

3D

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

# Datasheets & Catalog Pages

**HPC 350A BESS Connector** 

English

**HPC 350A BESS Connector** 

# **Product Specifications**

**Application Specification** 

English

**Application Specification** 

### **Agency Approvals**

UL

English