

H1131000501-000

✓ ACTIVE

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

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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

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

Electrical Characteristics

Operating Voltage	1500 VDC
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Dimensions

Wire Size	95 mm²
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Contact Features

Contact Current Rating (Max)	350 A
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Termination Features

Termination Method to Wire & Cable	Crimp & Clamp
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Housing Features

Housing Color	Orange
Housing Material	66 Nylon (GF)

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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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



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



TE Part # CAT-352-H350

Efficient Integration: HPC 350A

Connector for BESS Applications

Customers Also Bought



TE Part #DT04-2P

REC, 2P, GRY, N



TE Part #DT06-2S

PLG, 2P, GRY, N



TE Part #CAT-D487-W416

Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273

DEUTSCH Solid Contacts



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