

H103111150A-000

✓ ACTIVE

TE Internal #: H103111150A-000

1 Position Circular Power Connector, Connector Assembly, 1500 VDC, 95 mm² Wire, Bus Bar-to-Wire, Sealable, Bus Bar, Receptacle, Receptacle, Power

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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: Bus Bar-to-Wire

[All Efficient Integration: HPC 350A Connector for BESS Applications \(12\)](#)

Features

Product Type Features

Assembly Requirement	Factory Assembled
Connector Product Type	Connector Assembly
Connector System	Bus Bar-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Bus Bar
Connector & Housing Type	Receptacle
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 VAC
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Dimensions

Wire Size	95 mm²
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Contact Features

Contact Type	Receptacle
Contact Current Rating (Max)	350 A
Contact Protection	With

Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Housing Color	Black
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) Not Yet Reviewed



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



Documents

Product Drawings

HPC-350-M-R-BK-01-B-W

English

CAD Files

Customer View Model

ENG_CVM_CVM_H103111150A-000_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_H103111150A-000_A1.3d_stp.zip

English

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_H103111150A-000_A1.3d_igs.zip](#)

English

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Datasheets & Catalog Pages

[HPC 350A BESS Connector](#)

English

[HPC 350A BESS Connector](#)

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

Agency Approvals

[UL](#)

English