

# HCF110J33RJ ✓ ACTIVE

TE Internal #: 2176443-4

Chassis Mount Resistors, Power Resistor, 110 x 60 x 15 mm, 2 Terminations, Loose Piece - Box, Tolerance 5%, Wirewound, Resistance Class Up to 1k $\Omega$

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Passive Components > Resistors > Chassis Mount Resistors



Resistor Type: **Power Resistor**

Dimensions: **110 x 60 x 15 mm**

Number of Terminations: **2**

Packaging Method: **Loose Piece - Box**

Tolerance: **5%**

## Features

### Product Type Features

Resistor Type	Power Resistor
Element Type	Wirewound

### Configuration Features

Number of Resistors	1
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### Electrical Characteristics

Tolerance	5%
Resistance Class	Up to 1k $\Omega$
Resistance	33 $\Omega$
Power Rating	100 W

### Body Features

Lead Type	Lead type terminal
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### Termination Features

Number of Terminations	2
Termination Type	Flying Leads



### Mechanical Attachment

Mount Style	Direct Mounting
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### Dimensions

Dimensions	110 x 60 x 15 mm
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### Usage Conditions

Temperature Coefficient	±200 ppm/°C
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### Packaging Features

Packaging Method	Loose Piece - Box
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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: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) 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	Hand solderable with lead free solder

#### 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

[HCF110 100W 33R 5% LEAD](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2176443-4\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2176443-4\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2176443-4\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

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## Aluminium Housed Breaking Resistor - Type HCF Series

English