



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Dimensions: **9.5 x 3.6 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Tolerance: **5%**

Features

Product Type Features

Product Type	Fixed Resistor
Element Material	Carbon Composition
Resistor Type	Power Resistor
Element Type	Carbon Composition

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	350 V
Tolerance	5%
Resistance Class	Up to 1kΩ
Resistance	470 Ω
Power Rating	.5 W

Termination Features

Number of Terminations	2
Termination Type	Tinned Copper Leads

Mechanical Attachment

Mount Style	Axial Leaded
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Dimensions

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Dimensions	9.5 x 3.6 mm
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Usage Conditions

Operating Temperature Range	-55 – 125 °C
Temperature Coefficient	-600 – 200 ppm/°C

Packaging Features

Packaging Method	Ammo Packed
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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



TE Model / Part # 1-1625875-2
CBT 1/4 5% 1K0

TE Model / Part # 1625875-5
CBT 1/4 5% 100R

TE Model / Part # 2-1625876-9
CBT 1/2 5% 100R

TE Model / Part # 1-1625876-7
CBT 1/2 5% 1R0

TE Model / Part # 3-1625875-1
CBT 1/4 5% 3R3

Also in the Series | Neohm CBT

[Through-Hole Resistors\(66\)](#)

Customers Also Bought

TE Model / Part #3-1630012-6
Power Resistors: Aluminum Housed, HSC

TE Model / Part #1879073-1
Power Resistor: Aluminum Housed, 75 Watt

TE Model / Part #3-84984-0
1mm FFC DIP V ASSY 30P TUBE

TE Model / Part #9-1879224-7
CPF 0603 35K7 0.1% 25PPM 1K RL

TE Model / Part #2-1625876-3
CBT 1/2 5% 680R

TE Model / Part #7-1879224-2
CPF 0603 19K1 0.1% 25PPM 1K RL

TE Model / Part #4-1625876-0
CBT 1/2 5% 1K5

TE Model / Part #1625876-5
CBT 1/2 5% 47R



Documents

Product Drawings

[CBT 1/2 5% 470R](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1625876-6_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1625876-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1625876-6_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1309350_PASSIVE_COMPONENT](#)

English

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[Carbon Composition Resistors - Type CBT Series](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English