



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **6.3 x 2.4 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **5 %**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Voltage Rating	250 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	1 Ω
Power Rating	.25 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	6.3 x 2.4 mm
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Usage Conditions

Operating Temperature Range	-55 – 125 °C
Temperature Coefficient	-700 – 400 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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

CBT25J1R0

Neohm CBT, Through-Hole Resistors, Power Resistor, 6.3 x 2.4 mm, 2 Termination, Ammo Packed, 5 Passive Component Tolerance, Carbon Composition



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

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

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

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

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

Also in the Series | Neohm CBT

Through-Hole Resistors(66)

Customers Also Bought

TE Part #1-2199298-6
DIP Socket: Low Profile, Stamped & Formed, Open, Tin

TE Part #142270-1
CONNECTOR SHUNT 2 P

TE Part #1-1625875-7
CBT 1/4 5% 1R5

TE Part #1-1623714-2
FCB4 220R 5% HP

TE Part #1461251-3
STD SCHRACK RZF Power Relays

TE Part #826629-4
4P AMPMODU II PIN HSG

TE Part #1337814-1
50 OHM COAX SMB STR PLUG STR P

TE Part #1624183-2
27E DUAL 100KB6.35X50FL



Documents

Product Drawings

CBT 1/4 5% 1R0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1625875-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1625875-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1625875-6_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