

CBT50J27R ✓ ACTIVE

Neohm | Neohm CBT

TE Internal #: 2-1625876-0

Neohm CBT, Through-Hole Resistors, Power Resistor, 9.5 x 3.6 mm,
2 Termination, Ammo Packed, 5 Passive Component Tolerance,
Carbon Composition

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Passive Component Dimensions: **9.5 x 3.6 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	350 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1k Ω
Resistance Value	27 Ω
Power Rating	.5 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	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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
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 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 #1558672-1
PCB Power Relay: 30 amp, Monostable DC



TE Part #2176081-2
EP 1W (S) 15R 5%



TE Part #2-1879353-3
RR02 5% 36K AMMO



TE Part #1879126-5
RN 0402 115R 0.1% 10PPM 1K RL




TE Part #1-5849587-1
RECEPTACLE



TE Part #1825136-6
A101KD9A004



TE Part #1SNK916304R0000
JB16-4



TE Part #2170790-5
CAGE ASSY, 1X4, QSFP28, SPRING, HS, LP



Documents

Product Drawings

[CBT 1/2 5% 27R](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1625876-0_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1625876-0_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1625876-0_BA.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