



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

Resistor Type	Power Resistor
Element Type	Carbon Composition

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	250 V
Passive Component Tolerance	5 %
Resistance Class	Up to 1kΩ
Resistance Value	10 Ω
Power Rating	.25 W

Body Features

Lead Type	Axial-Leaded
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Termination Features

Number of Terminations	2
Termination Area Base Material	Copper



Dimensions

Passive Component Dimensions	6.3 x 2.4 mm
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Usage Conditions

Operating Temperature Range	-55 – 125 °C
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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	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 # 1-1625876-7  
CBT 1/2 5% 1R0



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



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

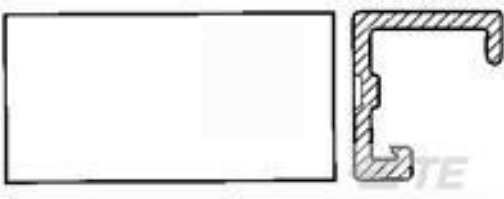


TE Part # 1625875-5  
CBT 1/4 5% 100R



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

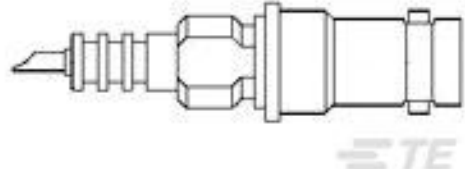
Customers Also Bought




TE Part #640550-5  
05P MTA100 COVER



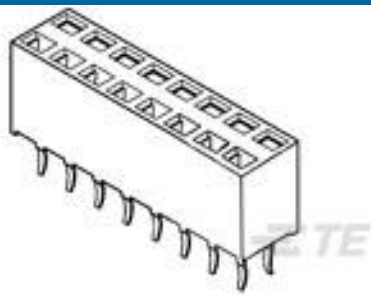
TE Part #2-6609106-6  
PS0SXDH60=C1149



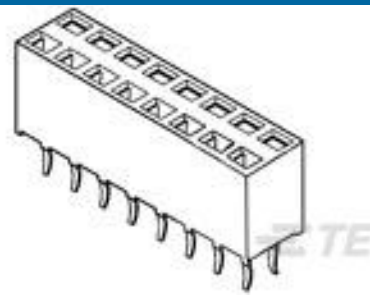
TE Part #51494-2  
STD HIGH VOLTAGE BLKHD RECEPT



TE Part #5745172-2  
15 POS STRAIN RELIEF KIT



TE Part #1-215307-0  
2X10P HV100 REC CON. TE, 7.0MM



TE Part #1-215307-2  
2X12P HV100 REC CON. TE, 7.0MM



TE Part #9-1614882-7  
CPF 0603 18R 0.1% 25PPM 1K RL



TE Part #3-1625876-4  
CBT 1/2 5% 10R



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

Documents



Product Drawings

CBT 1/4 5% 10R

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1625875-7\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1625875-7\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1625875-7\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

4-1773460-6\_RESISTIVE\_SOLUTIONS\_RAIL

English

1309350\_PASSIVE\_COMPONENT

English

8-1773459-4\_POWER\_FILTERING\_AND\_RESISTIVE\_SOLUTIONS\_FOR\_ELEVATORS\_AND\_ESCALATORS

English