



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 1kΩ
Resistance Value	33 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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

TE Part # 1-1625876-7 CBT 1/2 5% 1R0	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
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TE Part # 3-1625875-1
CBT 1/4 5% 3R3

Also in the Series | Neohm CBT



Through-Hole Resistors(8)

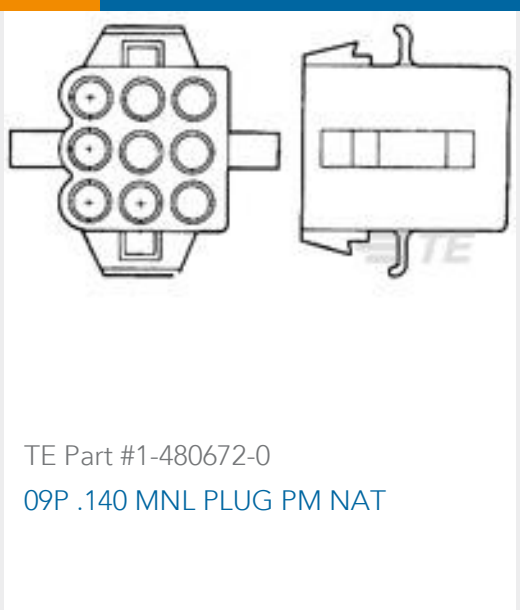
Customers Also Bought



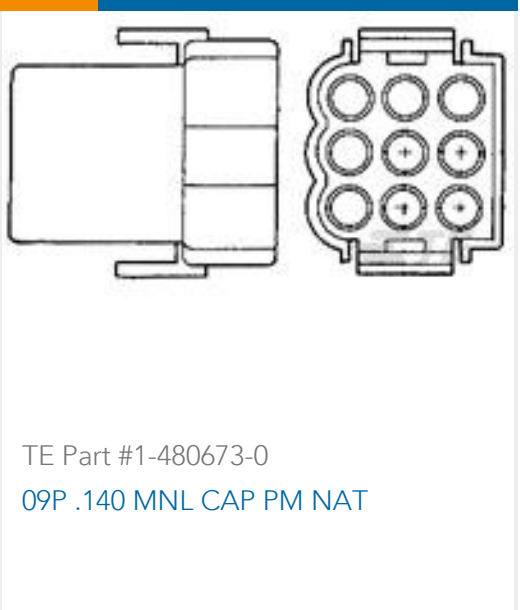
TE Part #1-967622-1
TIMER, CONNECTOR HOUSING



TE Part #7-967570-3
2POS MQS TAB SEALED COD A



TE Part #1-480672-0
09P .140 MNL PLUG PM NAT



TE Part #1-480673-0
09P .140 MNL CAP PM NAT



TE Part #2-1419129-9
OJ-SS-124DM,000



TE Part #5-2176271-6
RU 0805 1K0 0.01% 2PPM 1K RL



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



TE Part #2-1625876-0
CBT 1/2 5% 27R

Documents

Product Drawings
CBT 1/2 5% 33R

English

CAD Files
Customer View Model
ENG_CVM_CVM_5-1625876-3_A.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

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

English

Customer View Model

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

English

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Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

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

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English