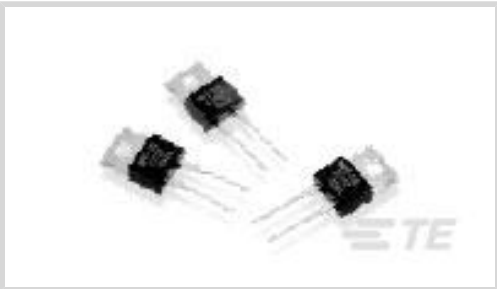




Passive Components > Resistors > Through-Hole Resistors



Resistance Value: 330 Ω

Resistor Type: Power Resistor

Element Type: Thin Film

Package Size Code: TO220

Power Rating: 20 W

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Thin Film
Package Size Code	TO220

Configuration Features

Number of Resistors	1
---------------------	---

Electrical Characteristics

Operating Voltage	500 V
Resistance Value	330 Ω
Power Rating	20 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	10.6 x 4.5 x 15 mm
------------------------------	--------------------

Usage Conditions

Temperature Coefficient	±50 ppm/°C
-------------------------	------------

Packaging Features



Packaging Method	Loose Piece - Bag
------------------	-------------------

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUN 2015 (163) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

TE Part #1-1625893-3
5W SM M/OX 2% 22R

TE Part #2-2176455-5
CPF 0402 7R5 0.1% 25ppm 1K RL

TE Part #2-1879461-5
RL73H 2A R13 1% 1K RL

TE Part #9-2176415-1
8W STD M/OX 5% 160K



TE Part #3954384002
CGPE-105-1/2-0-SP



TE Part #2329359-9
PB ON/OFF HC GRE M1 TERM IP68
500MM LHS



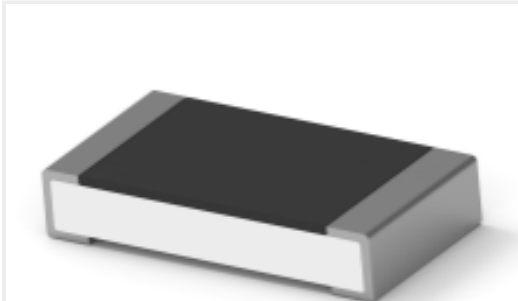
TE Part #9-2176415-0
8W STD M/OX 5% 150K



TE Part #2-2329328-0
PB OFF/ON HC BLU M4 TERM. IP68



TE Part #20014203-12
PRESS XDCR M325M-000005-250PG



TE Part #1-2176391-0
RQ 1206 15K4 0.1% 10PPM 5K RL

Documents

Datasheets & Catalog Pages

[4-1773460-6_RESISTIVE_SOLUTIONS_RAIL](#)

English

[1309350_PASSIVE_COMPONENT](#)

English

[Radial Leaded High Power Resistor - Type MPR series](#)

English

[8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS](#)

English