



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Wire Wound**

Power Rating: **6 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **250 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	444 V
Power Rating	6 W
Resistance Class	Up to 1kΩ
Resistance Value	250 Ω
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	22.23 x 7.9 mm
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Usage Conditions

Operating Temperature Range	-55 - 355 °C
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Temperature Coefficient	±20 ppm/°C
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Packaging Features

Packaging Method	Loose Piece - Bag
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Product Compliance

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







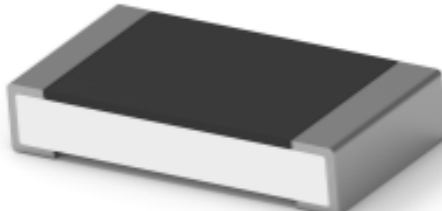



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Reflow solder capable to 260°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 # 2-1879461-5 RL73H 2A R13 1% 1K RL	 TE Part # 2-2329328-0 PB OFF/ON HC BLU M4 TERM. IP68	 TE Part # 2329359-9 PB ON/OFF HC GRE M1 TERM IP68 500MM LHS	 TE Part # 1-1625893-3 5W SM M/OX 2% 22R
 TE Part # 9-2176415-0 8W STD M/OX 5% 150K	 TE Part # 9-2176415-1 8W STD M/OX 5% 160K	 TE Part # 1-2176391-0 RQ 1206 15K4 0.1% 10PPM 5K RL	 TE Part # 3954384002 CGPE-105-1/2-0-SP
 TE Part # 20014203-12 PRESS XDCR M325M-000005-250PG	 TE Part # 2-2176455-5 CPF 0402 7R5 0.1% 25ppm 1K RL		

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1624240-2\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1624240-2\_BA.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1624240-2\_BA.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1309350\_PASSIVE\_COMPONENT

English

High Precision Resistors - Type KC Series

English

KC5250RJ

KC5 250R 5% 20PPM

