



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Power Rating: **.25 W**

Resistance Class: **1k Ω - 1M Ω**

Resistance Value: **20K Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	250 V
Power Rating	.25 W
Resistance Class	1k Ω - 1M Ω
Resistance Value	20K Ω
Passive Component Tolerance	.1 %

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	6.3 x 2.3 mm
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Usage Conditions

Operating Temperature Range	-65 - 155 $^{\circ}\text{C}$
Temperature Coefficient	± 15 ppm/ $^{\circ}\text{C}$

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Reflow solder capable to 260 $^{\circ}\text{C}$

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

YR1B20KCC

Precision Resistor, Thin Film, .25 W, 20K Ω , .1 %, ± 15 ppm/ $^{\circ}\text{C}$, Axial-Leaded, Copper Termination, 6.3 x 2.3 mm, Ammo Packed, 2 Termination, Neohm R



TE Part # 2-1676913-6
YR1 0.1% 1K0

TE Part # 1622796-1
YR1 0.1% 100K

TE Part # 1622796-2
YR1 0.1% 100R

TE Part # 1622796-6
YR1 0.1% 10K

TE Part # 2-1676913-7
YR1 0.1% 1M0

Also in the Series | **Neohm R**

Eurocard Connectors(1)

Through-Hole Resistors(484)

Customers Also Bought

TE Part # 2273005-1
M8 x 1.0 straight socket Pigtail Shld

TE Part # 2-1676913-6
YR1 0.1% 1K0

TE Part # 9-2176314-1
MELF SMA-A 470K 1% 50PPM 0102 0.3 W

TE Part # 3-2176315-3
MELF SMA_A 47K 0.1% 15PPM 0204 0.4W

TE Part # 3-2176374-6
RQ 0805 249R 0.1% 10PPM 1K RL

TE Part # 8-2176374-8
RQ 0805 866R 0.1% 10PPM 1K RL

TE Part # CQ93033001
FLDWC0311-1.00-0CK0202/1



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1676913-0_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-1676913-0_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1676913-0_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English