

ROX05SJ470R

✓ ACTIVE

Neohm | Neohm ROX

TE Internal #: 6-1676123-7

470 ohm, Through-Hole General Purpose Resistor, Metal Oxide Film, .5 W, 5 %, ±350 ppm/°C, Axial-Leaded, Copper Termination, 7.2 x 2.5 mm, Neohm ROX

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Passive Components > Resistors > Through-Hole Resistors



Resistance Value: 470 Ω

Resistor Type: General Purpose Resistor

Element Type: Metal Oxide Film

Power Rating: .5 W

Resistance Class: Up to 1kΩ

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	250 V
Resistance Value	470 Ω
Power Rating	.5 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Body Features

Lead Type	Axial-Leaded
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Termination Features

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Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	7.2 x 2.5 mm
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Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±350 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: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235) 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 # 2-1676123-5 1/2W SM M/OX 5% 8R2	 TE Part # 1-2176412-1 5W XSM M/OX 5% 13R	 TE Part # 1676123-3 1/2W SM M/OX 5% 1R0	 TE Part # 6-2176412-8 5W XSM M/OX 5% 3K3
 TE Part # 1-1676123-0 1/2W SM M/OX 5% 2R0	 TE Part # 1-2176411-6 1/2W SM M/OX 5% 47K	 TE Part # 2-1676123-0 1/2W SM M/OX 5% 5R1	 TE Part # 8-1676123-5 1/2W SM M/OX 5% 2K7
 TE Part # 1-2176412-7 5W XSM M/OX 5% 24R	 TE Part # 8-1676123-7 1/2W SM M/OX 5% 3K3	 TE Part # 8-2176412-1 5W XSM M/OX 5% 11K	 TE Part # 1-1625890-5 2W SM M/OX 5% 15R
 TE Part # 1-1625892-3 3W SM M/OX 5% 12R	 TE Part # 1-1625885-2 1W SM M/OX 5% 100R	 TE Part # 1-1625890-2 2W SM M/OX 5% 150R	 TE Part # 1-1625890-0 2W SM M/OX 5% 12R
 TE Part # 1-1625892-4 3W SM M/OX 5% 150K	 TE Part # 7-2176412-9 5W XSM M/OX 5% 9K1	 TE Part # 1-2176411-5 1/2W SM M/OX 5% 43K	 TE Part # 1-2176415-0 8W STD M/OX 5% 68R

Also in the Series | [Neohm ROX](#)



Through-Hole Resistors(783)

Customers Also Bought

TE Part #4-1676123-7  
1/2W SM M/OX 5% 68R

TE Part #7-1676123-5  
1/2W SM M/OX 5% 1K0

TE Part #2388426-1  
ASSEMBLY, SENSOR LUMAWISE  
MOTION

TE Part #4-216093-0  
AMP-LATCH PRE-ASSY DIL WITHO

TE Part #9-1676123-9  
1/2W SM M/OX 5% 10K

TE Part #2-1676123-7  
1/2W SM M/OX 5% 10R

TE Part #4-1415075-1  
PT5S8TD0

TE Part #5-1676123-1  
1/2W SM M/OX 5% 100R

TE Part #5-1676123-9  
1/2W SM M/OX 5% 220R

TE Part #TAKH3-17-12-1-C-SB  
TAKH3-17-12-1-C-SB

Documents

Product Drawings  
1/2W SM M/OX 5% 470R

English

Datasheets & Catalog Pages  
Flame Proof Power Metal Oxide Film Resistors - Type ROX Series - Tyco Electronics Passives

English