ROX05SJ1R0 ✔ ACTIVE

Neohm | Neohm ROX

TE Internal #: 1676123-3

General Purpose Resistor, Metal Oxide Film, .5 W, 1 ohm, 5 %, ±200 ppm/°C, Axial-Leaded, Copper Termination, 7.2 x 2.5 mm, Ammo Packed, Neohm ROX

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors

Resistor Type: **General Purpose Resistor**

Element Type: **Metal Oxide Film**

Power Rating: **.5 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **1 Ω**

Features

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

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

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	7.2 x 2.5 mm

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±200 ppm/°C

Packaging Features

Packaging Method	Ammo Packed

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 2024 (241) 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

Compatible Parts

TE Part # 2-1625892-1
3W SM M/OX 5% 1K0

TE Part # 4-1625886-1
1W SM M/OX 5% 820K

TE Part # 6-1676123-7
1/2W SM M/OX 5% 470R

TE Part # 1625881-2
1W STD M/OX 2% 220R

TE Part # 1625893-5
5W SM M/OX 5% 47K

Also in the Series | Neohm ROX

Through-Hole Resistors(783)

Customers Also Bought

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

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

TE Part #3-1676123-1
1/2W SM M/OX 5% 15R

TE Part #1676123-7
1/2W SM M/OX 5% 1R5

TE Part #1-1676123-0
1/2W SM M/OX 5% 2R0

TE Part #1-1676123-7
1/2W SM M/OX 5% 3R9

TE Part #1-1676123-9
1/2W SM M/OX 5% 4R7

TE Part #2-1676123-3
1/2W SM M/OX 5% 6R8

TE Part #2176412-8
5W XSM M/OX 5% 10R

Documents

Product Drawings

1/2W SM M/OX 5% 1R0

English

Datasheets & Catalog Pages

Flame Proof Power Metal Oxide Film Resistors - Type ROX Series - Tyco Electronics Passives

English