YR1B6K81CC ✔ ACTIVE

Neohm | Neohm R

TE Internal #: 1676915-4

Neohm R, Through-Hole Resistors, Precision Resistor, 6.3 x 2.3 mm, 2 Termination, Ammo Packed, .1 Passive Component Tolerance, Thin Film

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Passive Component Dimensions: **6.3 x 2.3 mm**

Number of Terminations: **2**

Packaging Method: **Ammo Packed**

Passive Component Tolerance: **.1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	250 V
Passive Component Tolerance	.1 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	6.81K Ω
Power Rating	.25 W

Body Features

Passive Component Lead Type	Axial-Leaded

Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

Dimensions

Passive Component Dimensions	6.3 x 2.3 mm

Usage Conditions

Operating Temperature Range	-65 – 155 °C
Temperature Coefficient	±15 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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°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 # 2-1676913-6
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 #8-1676914-9
YR1 0.1% 6K04



TE Part #1622796-8
YR1 0.1% 12K1



TE Part #3-1676913-6
YR1 0.1% 221K



TE Part #1-1676914-3
YR1 0.1% 39K2



TE Part #1-1676914-5
YR1 0.1% 3K16



TE Part #2-1676914-1
YR1 0.1% 3K74



TE Part #3-1622796-0
YR1 0.1% 4K75



TE Part #3-1622796-2
YR1 0.1% 5K11



TE Part #3-1622796-4
YR1 0.1% 5K62



TE Part #1676915-2
YR1 0.1% 6K49

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1676915-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1676915-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1676915-4_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Precision Metal Film Fixed Resistors - Type R Series - Tyco Electronics Passives

English