YR1B82K5CC ✔ ACTIVE

NEOHM | NEOHM R

TE Internal #: 4-1622796-6

82.5K ohm, Thin Film, Precision Resistor, .1 %, .25 W, ±15 ppm/°C, Axial-Leaded, Copper Termination, 6.3 x 2.3 mm, Ammo Packed, NEOHM R

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Power Rating: **.25 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **82.5K Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	250 V
Power Rating	.25 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	82.5K Ω
Passive Component Tolerance	.1 %

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	6.3 x 2.3 mm

Usage Conditions

Operating Temperature Range	-65 – 155 °C[-85 – 311 °F]
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 2-1676913-7
YR1 0.1% 1M0



TE Part # 1622796-6
YR1 0.1% 10K



TE Part # 1622796-2
YR1 0.1% 100R

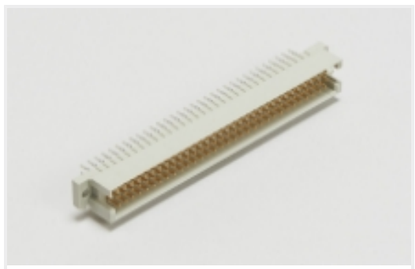


TE Part # 1622796-1
YR1 0.1% 100K



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

Also in the Series | NEOHM R



Eurocard Connectors(1)



Through-Hole Resistors(484)

Customers Also Bought



TE Part #8-1622796-5
YR1 0.1% 187K



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



TE Part #4-1676914-1
YR1 0.1% 49K9



TE Part #4-1676914-9
YR1 0.1% 511K



TE Part #5-1676914-6
YR1 0.1% 53K6



TE Part #6-1676914-5
YR1 0.1% 57K6



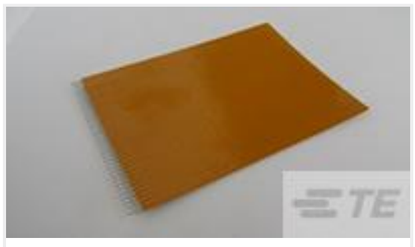
TE Part #8-1676914-3
YR1 0.1% 66K5



TE Part #3-1676915-1
YR1 0.1% 88K7



TE Part #5-1676915-6
YR1 0.1% 110K



TE Part #3-1437142-5
FSN-22A-15=NOMEX FS STD

Documents

Product Drawings

YR1 0.1% 82K5

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1622796-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1622796-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1622796-6_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

Precision Metal Film Fixed Resistors - Type R Series

English