YR2B649K ✔ ACTIVE

NEOHM | NEOHM R

TE Internal #: 1879373-3

649K ohm, Thin Film, Precision Resistor, .1 %, .5 W, ±15 ppm/°C, Axial-Leaded, Copper Termination, 9.5 x 3.5 mm, Ammo Packed, 2 Terminations, NEOHM R

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors

Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Power Rating: **.5 W**

Resistance Class: **1kΩ – 1MΩ**

Resistance Value: **649K Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	350 V
Power Rating	.5 W
Resistance Class	1kΩ – 1MΩ
Resistance Value	649K 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	9.5 x 3.5 mm

Usage Conditions

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 2023 (233) 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	Not reviewed for solder process capability

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

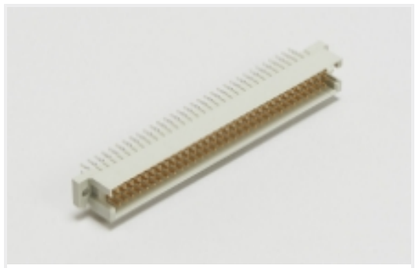
TE Part # 1622796-6
YR1 0.1% 10K

TE Part # 1622796-1
YR1 0.1% 100K

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

TE Part # 1622796-2
YR1 0.1% 100R

Also in the Series | NEOHM R



Eurocard Connectors(1)

Through-Hole Resistors(484)

Customers Also Bought

TE Part #215876-2
6/4 PCB MOD.JACK SE

TE Part #1622433-1
LR1 1% 30K1

TE Part #2-1630024-9
HSC250 150R 5%

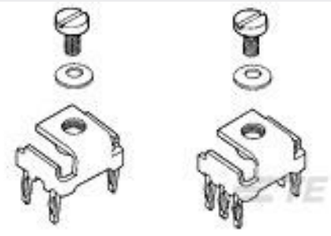
TE Part #1643903-1
CROWN CLIP Senior II 538-0068-00100

TE Part #7-1879026-7
YR1 0.1% 422K

TE Part #2-2176056-6
RLP73K 2B R11 5% 5K RL

TE Part #1-6609031-3
10ER1=F7189

TE Part #5221128-1
PLUG,COMMERCIAL BNC



TE Part #216907-1
.250 POWER TERM.A.P

TE Part #1625876-4
CBT 1/2 5% 3R3

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879373-3_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879373-3_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879373-3_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Precision Metal Film Fixed Resistors - Type R Series

English