



Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**  
Dimensions: **6.3 x 2.3 mm**  
Number of Terminations: **2**  
Packaging Method: **Ammo Packed**  
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     |
| Tolerance        | .1%       |
| Resistance Class | 1MΩ – 1GΩ |
| Resistance       | 1M Ω      |
| Power Rating     | .25 W     |

Termination Features

|                        |                     |
|------------------------|---------------------|
| Number of Terminations | 2                   |
| Termination Type       | Tinned Copper Leads |

Mechanical Attachment

|             |              |
|-------------|--------------|
| Mount Style | Axial Leaded |
|-------------|--------------|

Dimensions

|            |              |
|------------|--------------|
| 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: JUN 2020 (209)<br>Candidate List Declared Against: JUN 2018 (191)<br>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

YR1B1M0CC

Neohm R, Through-Hole Resistors, Precision Resistor, 6.3 x 2.3 mm, 2 Termination, Ammo Packed, .1% Tolerance, Thin Film, Resistance Class 1MΩ – 1GΩ



|                                                    |                                                    |                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| <br>TE Model / Part # 9-1879026-0<br>YR1 0.1% 49R9 | <br>TE Model / Part # 3-1879026-2<br>YR1 0.1% 20R  | <br>TE Model / Part # 3-1676913-0<br>YR1 0.1% 20K  | <br>TE Model / Part # 5-1676913-0<br>YR1 0.1% 249R |
| <br>TE Model / Part # 1879026-4<br>YR1 0.1% 10R    | <br>TE Model / Part # 4-1676914-1<br>YR1 0.1% 49K9 | <br>TE Model / Part # 1622796-2<br>YR1 0.1% 100R   | <br>TE Model / Part # 2-1676913-6<br>YR1 0.1% 1K0  |
| <br>TE Model / Part # 1622796-1<br>YR1 0.1% 100K   | <br>TE Model / Part # 1622796-6<br>YR1 0.1% 10K    | <br>TE Model / Part # 3-1676913-8<br>YR1 0.1% 226K | <br>TE Model / Part # 1-1879026-6<br>YR1 0.1% 14R3 |
| <br>TE Model / Part # 6-1622796-3<br>YR1 0.1% 154K | <br>TE Model / Part # 3-1676914-0<br>YR1 0.1% 432R | <br>TE Model / Part # 5-1879026-0<br>YR1 0.1% 28R  | <br>TE Model / Part # 5-1676915-2<br>YR1 0.1% 105R |
| <br>TE Model / Part # 5-1676913-4<br>YR1 0.1% 25K5 | <br>TE Model / Part # 5-1676913-7<br>YR1 0.1% 267R | <br>TE Model / Part # 1676914-7<br>YR1 0.1% 374R   | <br>TE Model / Part # 2-1676915-3<br>YR1 0.1% 825K |

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



Eurocard Connectors(1)



Through-Hole Resistors(484)

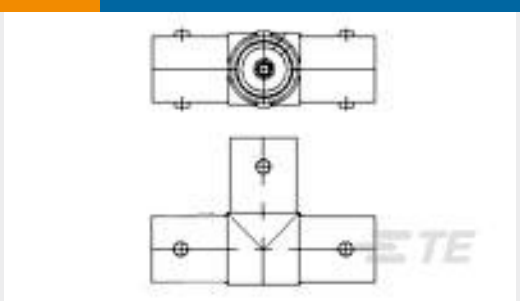
Customers Also Bought



TE Model / Part #5-1634523-1  
BNC BHSkt + TAG 50Ohm Nickel Pltd



TE Model / Part #5-1634532-1  
BNC T Adpt JPJ 50Ohm Nickel Gold Pltd



TE Model / Part #5-1634535-1  
BNC TAdp JJJ 50Ohm Nickel Pltd



TE Model / Part #5-1634534-1  
BNC Str Adp JJ 50Ohm Nickel Pltd



TE Model / Part #5-1634504-1  
BNC Ins BHSkt 50Ohm Nickel Gold Pltd



TE Model / Part #1-1337543-0  
BNC Ins R/A PCB Skt 50Ohm White



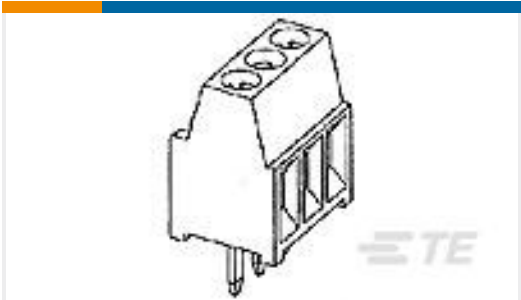
TE Model / Part #2-1676913-6  
YR1 0.1% 1K0



TE Model / Part #1622796-1  
YR1 0.1% 100K



TE Model / Part #1622796-6  
YR1 0.1% 10K



TE Model / Part #282834-2  
TERMI-BLOK PCB MOUNT, 90 2P.

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1676913-7\_BA.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1676913-7\_BA.3d\_igs.zip

YR1B1M0CC

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English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1676913-7\\_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 - Tyco Electronics Passives](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English