



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
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Electrical Characteristics

Voltage Rating	250 V
Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	100K Ω
Power Rating	.25 W

Body Features

Passive Component Lead Type	Axial-Leaded
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Termination Features

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

Dimensions

Passive Component Dimensions	6.3 x 2.3 mm
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Usage Conditions

Operating Temperature Range	-65 – 155 $^{\circ}\text{C}$
Temperature Coefficient	± 15 ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Ammo Packed
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 $^{\circ}\text{C}$

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

YR1B100KCC

100K Ω , Thin Film, Precision Resistor, .1 %, 6.3 x 2.3 mm, 2 Termination, Ammo Packed, .25 W, ± 15 ppm/ $^{\circ}\text{C}$, Tinned Copper Leads Termination, Neohm R



 TE Part # 2-1676913-6 YR1 0.1% 1K0	 TE Part # 1622796-2 YR1 0.1% 100R	 TE Part # 1622796-6 YR1 0.1% 10K	 TE Part # 1879026-4 YR1 0.1% 10R
 TE Part # 2-1676913-7 YR1 0.1% 1M0	 TE Part # 3-1676913-0 YR1 0.1% 20K	 TE Part # 3-1879026-2 YR1 0.1% 20R	 TE Part # 5-1676913-0 YR1 0.1% 249R
 TE Part # 8-1879026-9 YR1 0.1% 499K	 TE Part # 4-1676914-1 YR1 0.1% 49K9	 TE Part # 9-1879026-0 YR1 0.1% 49R9	 TE Part # 8-1676914-9 YR1 0.1% 6K04
 TE Part # 3-1676915-8 YR1 0.1% 909R	 TE Part # 1-1676914-1 YR1 0.1% 392K	 TE Part # 6-1676914-5 YR1 0.1% 57K6	 TE Part # 1622796-3 YR1 0.1% 102K
 TE Part # 5-1676915-0 YR1 0.1% 102R	 TE Part # 5-1676915-1 YR1 0.1% 105K	 TE Part # 5-1676915-2 YR1 0.1% 105R	 TE Part # 1622796-4 YR1 0.1% 107K

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



Eurocard Connectors(1)



Through-Hole Resistors(484)

Customers Also Bought



TE Part #745191-7
50 RCPT SP/MS STD



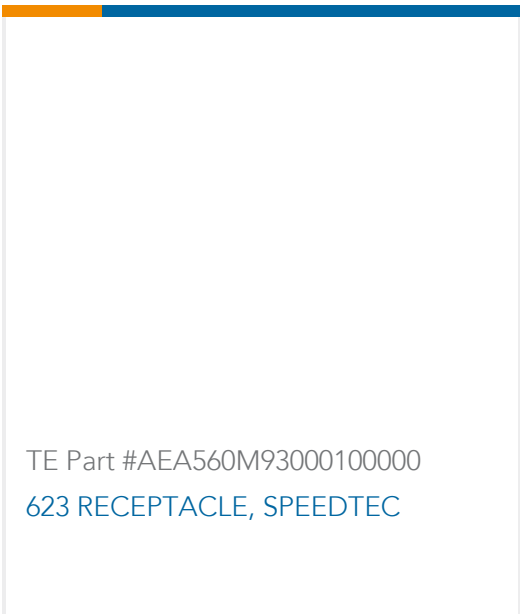
TE Part #3-1676913-0
YR1 0.1% 20K



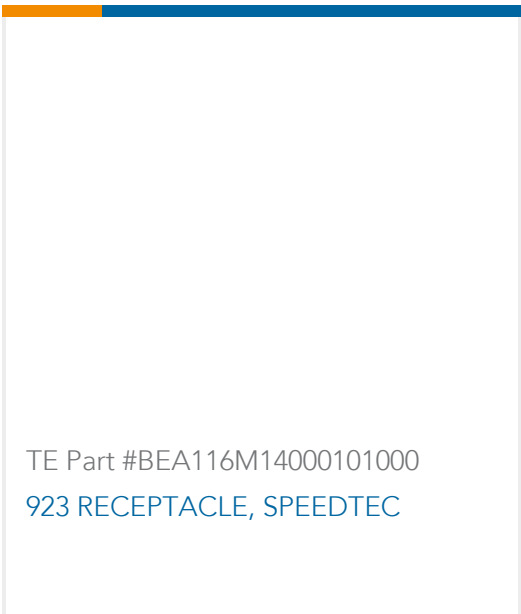
TE Part #3-2176403-8
3550 36R 1%



TE Part #6-2176304-3
RP 1E 0.1W 44R2 0.1% 25PPM 5K RL



TE Part #AEA560M93000100000
623 RECEPTACLE, SPEEDTEC



TE Part #BEA116M14000101000
923 RECEPTACLE, SPEEDTEC

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1622796-1_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1622796-1_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1622796-1_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



Product Environmental Compliance

Product Compliance

English

Product Compliance

English