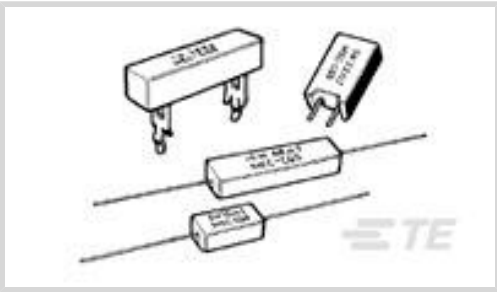




Passive Components > Resistors > Through-Hole Resistors > Wirewound Resistor: Horizontal Mount



Resistor Type: **Power Resistor**  
Passive Component Dimensions: **28 x 10 x 10 mm**  
Number of Terminations: **2**  
Packaging Method: **Loose Piece - Box**  
Passive Component Tolerance: **5 %**

[All Wirewound Resistor: Horizontal Mount \(157\)](#)

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Power Resistor
Element Type	Metal Oxide Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	5 %
Resistance Class	1k $\Omega$ – 1M $\Omega$
Resistance Value	1K $\Omega$
Power Rating	5 W

Body Features

Passive Component Lead Type	Radial-Leaded Pluggable
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Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Steel

Dimensions

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Passive Component Dimensions	28 x 10 x 10 mm
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Usage Conditions

Operating Temperature Range	-55 – 250 $^{\circ}\text{C}$
Temperature Coefficient	$\pm 300$ ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Loose Piece - Box
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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: JUNE 2023 (235) 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	Wave solder capable to 265 $^{\circ}\text{C}$

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



TE Part # CAT-C339-SQ1  
Wirewound Resistor: Vertical Mount

Also in the Series | CGS SQ

Through-Hole Resistors(662)

Customers Also Bought

<div></div> <div>TE Part #1-292132-0 CT P/HDR BOX V 10P NAT</div>	<div></div> <div>TE Part #102387-3 16 MODIV HSG COMP DR .100 POL</div>	<div></div> <div>TE Part #770232-1 CMNL IDC COVER</div>	<div></div> <div>TE Part #280515 AMPMODU II REC. HSG, DUAL ROW, 24 POS.</div>
<div></div> <div>TE Part #6-66460-4 PIN,.062 DIA,.025 SQ POST,LP</div>	<div></div> <div>TE Part #1622438-1 LR1 1% 330R</div>	<div></div> <div>TE Part #1-1393738-1 V42254A6000K115=SUB D GEHAEUSE</div>	<div></div> <div>TE Part #1-1393738-3 V42254A6000K137=SUB D GEHAEUSE</div>
<div></div> <div>TE Part #1007184-5 28UM,85C,90 R 5"PIPE,VHB</div>	<div></div> <div>TE Part #3-1007184-4 28UM,85C,90 R,34"PIPE,VHB</div>		

SQZR51K0J

1K  $\Omega$ , Metal Oxide Film, Power Resistor, 5 %, 28 x 10 x 10 mm, 2 Termination, Loose Piece - Box, 5 W,  $\pm 300$  ppm/ $^{\circ}\text{C}$ , Steel Termination, CGS SQ



Documents

Product Drawings

[SQZ5 1K0 5% \(METAL FILM\)](#)

English

Datasheets & Catalog Pages

[High Power Resistors - Type SQ Series](#)

English