SQPW510RJ ✔ ACTIVE

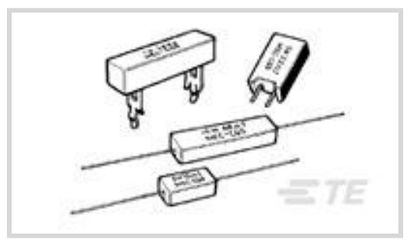
CGS | CGS SQ

TE Internal #: 2-1623795-8

Through-Hole Power Resistor, Wire Wound, 5 W, 10 ohm, 5 %, ±300 ppm/°C, Axial-Leaded, Copper Termination, 22 x 10 x 9 mm, Loose Piece - Box, CGS SQ

View on TE.com >

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



Resistor Type: **Power Resistor**

Element Type: **Wire Wound**

Power Rating: **5 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **10 Ω**

All Wirewound Resistor: Horizontal Mount (156)

Features

Usage Conditions

Operating Temperature Range	-55 – 250 °C
Temperature Coefficient	±300 ppm/°C

Electrical Characteristics

Operating Voltage	350 V
Power Rating	5 W
Resistance Class	Up to 1kΩ
Resistance Value	10 Ω
Passive Component Tolerance	5 %

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	22 x 10 x 9 mm

Packaging Features

Packaging Method	Loose Piece - Box

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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°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

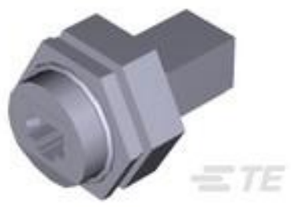
TE Part # CAT-C339-SQ1
Wirewound Resistor: Vertical Mount

Also in the Series | CGS SQ

Through-Hole Resistors(659)

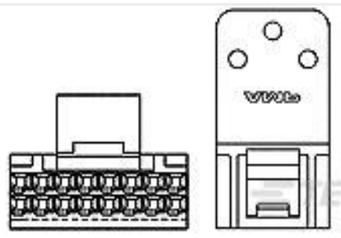
Customers Also Bought

TE Part #6609032-5
3VR1=F7198 S0

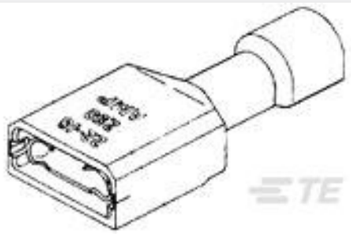


TE Part #1546413-3
ETHERNET RJ-45 BLKHD PASSTHRU

TE Part #66399-4
III+ SKT,24-20,30AU/FL,LP

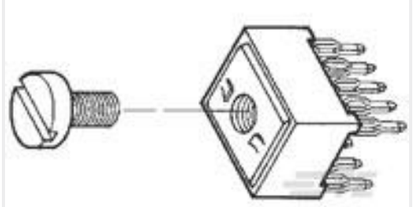


TE Part #104422-1
16 MOD IV HSG COMP W/LATCH POL



TE Part #2-520979-2
ULTRA-FAST .110/.125 ASY REC 22-18 TPBR

TE Part #66400-4
III+ PIN,24-20,30AU/FL,LP



TE Part #9-55556-0
10 POWER TAP ASSY WITH SCREW #6-32

TE Part #1-2176244-3
CRGS0805 5% 10R

TE Part #4-1415899-0
RZ01-1A3-D024

TE Part #6609028-9
5VK1 M0=F7139

Documents

Product Drawings

SQP5 10R 5% WIRE

English

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English

High Power Resistors - Type SQ Series

English