TLR3A20WR018FTDG SUPERSEDED

CGS | CGS TLR

TE Internal #: 3-2176166-2

TE Internal Description: TLR 2512 2.0W R018 1% 75PPM 4K RL

Metal Chip Resistor: Current Sense

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors > Metal Chip Resistor: Current Sense



Resistor Type: **Current Sensing Resistor**

Element Type: **Foil**

Package Size Code: **2512**

Power Rating: **2 W**

Resistance Value: **.018 Ω**

All Metal Chip Resistor: Current Sense (49)

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Foil
Package Size Code	2512

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	2 W
Resistance Value	.018 Ω
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Usage Conditions

Temperature Coefficient	±75 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

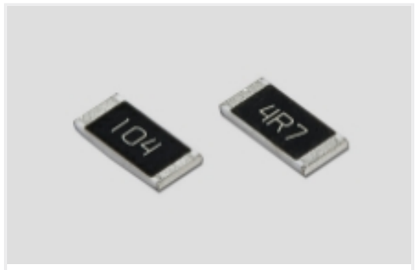
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

Also in the Series | CGS TLR



Surface Mount Resistors(41)

Customers Also Bought



TE Part #1-830611-0
LGH 1/2 SNGL MLD END



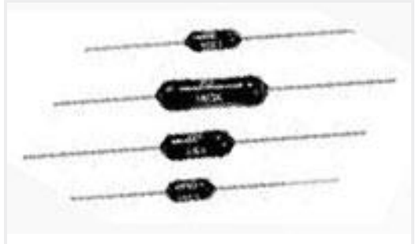
TE Part #9-1625971-5
HSA25 R01 10%



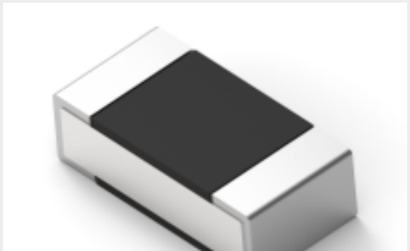
TE Part #1-1879353-9
RR02 5% 24K AMMO



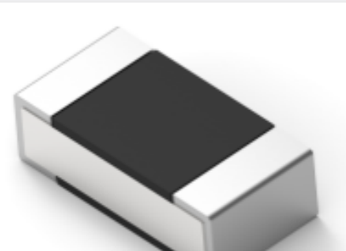
TE Part #7-1879354-5
RR03 5% 390R AMMO



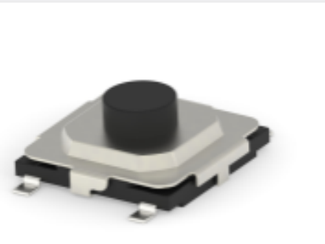
TE Part #7-1879648-1
H4P 287R 0.5% 100PPM



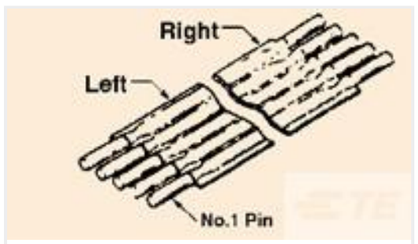
TE Part #7-2176305-3
RP 1E 0.1W 604R 0.1% 25PPM 5K RL



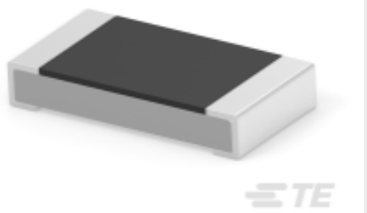
TE Part #3-2176307-2
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



TE Part #2337238-3
TACT MINI GW 5.2X5.2X2 160GF



TE Part #3-1437162-8
FSP-12A-11



TE Part #2-2176392-9
RQ 1206 261K 0.1% 10PPM 5K RL

Documents

Product Drawings

TLR 2512 2.0W R018 1% 75PPM 4K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2176166-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-2176166-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-2176166-2_BA.3d_stp.zip

English

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