# TLR3A30WR10FTDG SUPERSEDED

CGS | CGS TLR

TE Internal #: 7-2176166-5

TE Internal Description: TLR 2512 3.0W R10 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: **3 W**

Resistance Value: **.1 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 | 3 W |
| Resistance Value | .1 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

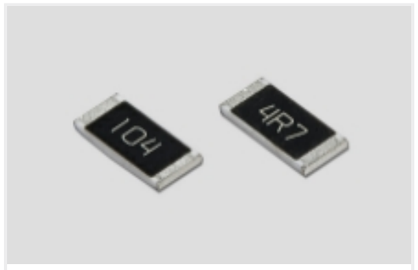
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUL 2021 (219)<br>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



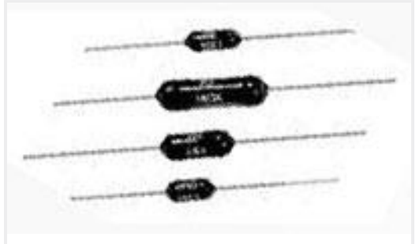
TE Part #9-1625971-5
HSA25 R01 10%



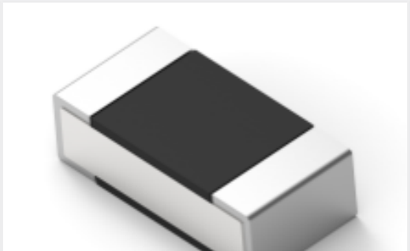
TE Part #1-1879353-9
RR02 5% 24K AMMO



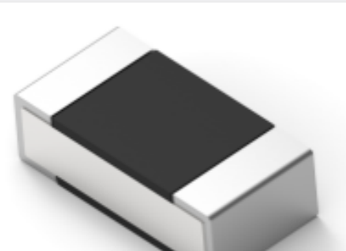
TE Part #7-1879354-5
RR03 5% 390R AMMO



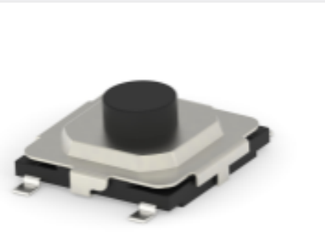
TE Part #7-1879648-1
H4P 287R 0.5% 100PPM



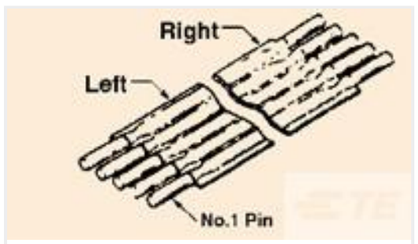
TE Part #7-2176305-3
RP 1E 0.1W 604R 0.1% 25PPM 5K RL



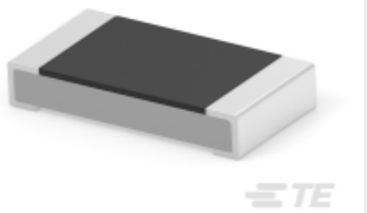
TE Part #3-2176307-2
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL



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 3.0W R10 1% 75PPM 4K RL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-2176166-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-2176166-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-2176166-5_BA.3d_stp.zip

English

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