TLM3ADR033FTE ACTIVE

CGS | CGS TLM

TE Internal #: 2-2176158-6

Current Sensing Resistor, Foil, 2512, 1 W, .033 Ω, 1 %, ±50 ppm/°C, Solder, 2 Termination, Height .022 in [.55 mm], Length .248 in [6.3

mm], CGS TLM

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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: 1 W

Resistance Value: $.033 \Omega$

All Metal Chip Resistor: Current Sense (152)

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	1 W
Resistance Value	.033 Ω
Resistance Class	Up to $1k\Omega$
Passive Component Tolerance	1 %
Termination Features	
Surface Mount Resistor Termination Type	Solder

Number of Terminations

Product Height	.55 mm[.022 in]
Product Length	6.3 mm[.248 in]

2



Product Width	3.15 mm[.124 in]
Usage Conditions	
Temperature Coefficient	±50 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: JAN 2024 (240) 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	Reflow solder capable to 260°C

Product Compliance Disclaimer

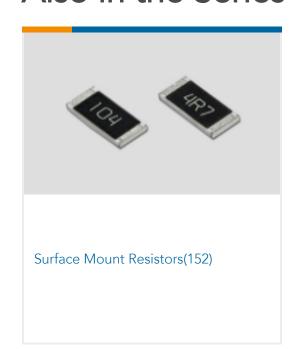
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

Compatible Parts

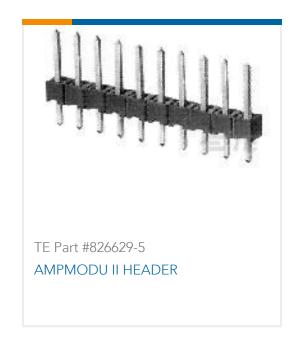




Also in the Series | CGS TLM



Customers Also Bought









Documents

Product Drawings

TLM 2512 1.0W R033 1% 50PPM 4K RL

English

Datasheets & Catalog Pages

SMD Current Sense Metal Chip Resistor

English