RLW73A3FR012TE ✔ ACTIVE

CGS | CGS RLW73

TE Internal #: 2176548-2

Current Sensing Resistor, Thick Film, 1225, 1.5 W, .012 Ω, 1 %, ±600 ppm/°C, Solder, 2 Termination, Height .024 in [.6 mm], CGS RLW73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Current Sensing Resistor**

Element Type: **Thick Film**

Package Size Code: **1225**

Power Rating: **1.5 W**

Resistance Value: **.012 Ω**

Features

Product Type Features

Resistor Type	Current Sensing Resistor
Element Type	Thick Film
Package Size Code	1225

Configuration Features

Number of Resistors	1

Electrical Characteristics

Power Rating	1.5 W
Resistance Value	.012 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.6 mm[.024 in]
Product Length	3.1 mm[.122 in]
Product Width	6.3 mm[.248 in]

Usage Conditions

Operating Temperature Range	-55 - 155 °C
Temperature Coefficient	±600 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

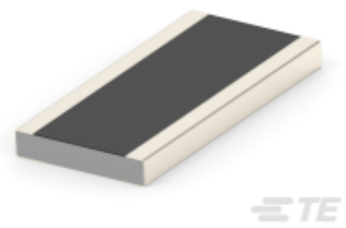
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



TE Part # 2176549-2
RLW73 A3 1% R012 600ppm 1k RL

Also in the Series | CGS RLW73



Surface Mount Resistors(352)

Documents

Product Drawings

RLW73 A3 1% R012 600ppm 4k RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_2176548-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176548-2_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2176548-2_BA.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

CGS Wide Terminal Current Sense Resistor RLW73

English

Wide Terminal Current Sense Resistor - Type RLW73 Series

English