

CGS | CGS 3522 TE Internal #: 2176231-8 Power Resistor, Thick Film, 2512, 3 W, 20 Ω, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .043 in [1.1 mm], Length .25 in [6.35 mm], CGS 3522

#### View on TE.com >

Passive Components > Resistors > Surface Mount Resistors > SMD Power Resistor: 3 Watt, 1% Tol



Resistor Type: Power Resistor

Element Type: Thick Film

Package Size Code: 2512

Power Rating: 3W

Resistance Value:  $20 \Omega$ 

All SMD Power Resistor: 3 Watt, 1% Tol (140)

## Features

## Product Type Features

Resistor Type

Element Type

Power Resistor

Thick Film



勝特力電材超市-龍山店 886-3-5773766 勝特力電材超市-光復店 886-3-5729570 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 http://www.100y.com.tw

Package Size Code	2512
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Power Rating	3 W
Resistance Value	20 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	1.1 mm[.043 in]
Product Length	6.35 mm[.25 in]

### 352220RFT

Power Resistor, Thick Film, 2512, 3 W, 20 Ω, 1 %, ±100 ppm/°C, Solder, 2 Termination, Height .043 in [1.1 mm], Length .25 in [6.35 mm], CGS 3522



Product Width	3.2 mm[.126 in]
Usage Conditions	
Temperature Coefficient	±100 ppm/°C
Packaging Features	
Packaging Method	Taped & Reeled
<b>Product Compliance</b> For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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	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**

### 352220RFT

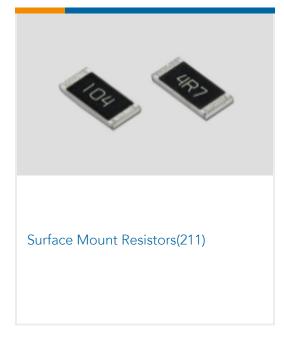
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# Also in the Series | CGS 3522



# Customers Also Bought

