

### CGS | CGS 3550

TE Internal #: 8-2176404-6

18  $\Omega$ , Thick Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 5 W,  $\pm 100$  ppm/°C, Solder, Height .043 in [1.1 mm], CGS

3550

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Power Resistor

Number of Terminations: 2

Packaging Method: Taped & Reeled
Passive Component Tolerance: 5 %
Element Type: Thick Metal Film

Surface Mount Resistor Termination Type

## Features

### **Product Type Features**

Resistor Type	Power Resistor
Element Type	Thick Metal Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	300 V
Passive Component Tolerance	5 %
Resistance Class	Up to $1k\Omega$
Resistance Value	18 Ω
Power Rating	5 W
Termination Features	
Number of Terminations	2

Solder



#### **Dimensions**

Product Height	1.1 mm[.043 in]
Product Length	11 mm[.433 in]
Product Width	5 mm[.197 in]

#### **Usage Conditions**

Temperature Coefficient	±100 ppm/°C
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#### **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 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: JUNE 2023 (235) 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

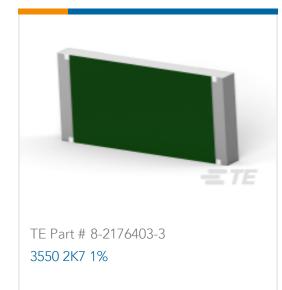
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



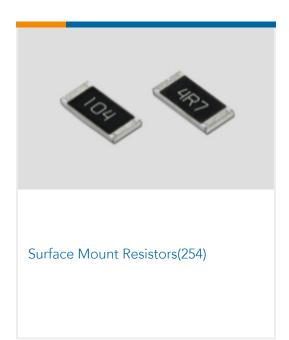






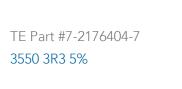


## Also in the Series | CGS 3550



# Customers Also Bought







TE Part #9-2176404-1 3550 47R 5%



TE Part #1-2176405-6 3550 4K7 5%



TE Part #7-2176407-7 3560 3R3 5%



TE Part #1-2176406-9 3560 5R6 1%



TE Part #2141116-3 MCON Receptacle and Tab



TE Part #787004-3 .8MM SCREWLOCK BRDMT,BULK



TE Part #344273-1 3 WAY REC. HSG. SIL. SEALECONO



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## **Documents**

**Product Drawings** 

3550 18R 5%

English

**CAD Files** 

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SMD HIGH POWER RESISTORS - TYPE 3550 SERIES

English