35406K8JT <

CGS | CGS 3540

TE Internal #: 1-2176402-8 6.8K Ω, Thick Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 4 W, ±100 ppm/°C, Solder, Height .043 in [1.1 mm], CGS 3540

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

Features

E T E connectivity

Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Metal Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	250 V
Passive Component Tolerance	5 %
Resistance Class	$1k\Omega - 1M\Omega$
Resistance Value	6.8Κ Ω
Power Rating	4 W
Termination Features	
Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

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Dimensions

Product Height	1.1 mm[.043 in]
Product Length	7.1 mm[.28 in]
Product Width	4.2 mm[.165 in]
Usage Conditions	
Temperature Coefficient	±100 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 with Exemptions

EU ELV Directive 2000/53/EC

China RoHS 2 Directive MIIT Order No 32, 2016

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

Restricted Materials Above Threshold

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Reflow solder capable to 260°C

Compliant with Exemptions

Solder Process Capability

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

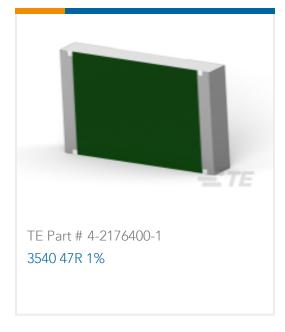
Compatible Parts

35406K8JT

6.8K Ω , Thick Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 4 W, ±100 ppm/°C, Solder, Height .043 in [1.1 mm], CGS 3540







Also in the Series CGS 3540



Surface Mount Resistors(254)



Customers Also Bought



Documents

Product Drawings 3540 6K8 5%

English

CAD Files

3D PDF

3D

35406K8JT

6.8K Ω, Thick Metal Film, Power Resistor, 5 %, 2 Termination, Taped & Reeled, 4 W, ±100 ppm/°C, Solder, Height .043 in [1.1 mm], CGS 3540



Customer View Model

ENG_CVM_CVM_1-2176402-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176402-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176402-8_A.3d_stp.zip

English

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Datasheets & Catalog Pages SMD HIGH POWER RESISTORS - TYPE 3540 SERIES

English