

CGS | CGS MPT

TE Internal #: 1-2176430-5

Power Resistor, Thick Film, TO220, 35 W, 22 Ω , 5 %, ±50 ppm/°C, Radial-Leaded, Copper Termination, 10.16 x 15 x 4.6 mm, Tube, 2

Termination, CGS MPT

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Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**Element Type: **Thick Film**

Package Size Code: TO220

Power Rating: 35 W

Resistance Class: Up to $1k\Omega$

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Thick Film
Package Size Code	TO220
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	350 V
Power Rating	35 W
Resistance Class	Up to 1kΩ
Resistance Value	22 Ω

Body Features

Passive Component Tolerance

Lead Type	Radial-Leaded

5 %



Termination Features

Termination Area Base Material	Copper
Number of Terminations	2
Dimensions	
Passive Component Dimensions	10.16 x 15 x 4.6 mm
Usage Conditions	
Temperature Coefficient	±50 ppm/°C
Packaging Features	
Packaging Method	Tube

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: 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	Wave solder capable to 265°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

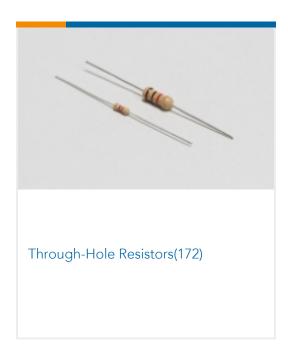
Compatible Parts







Also in the Series | CGS MPT



Customers Also Bought









Documents

Product Drawings

MPT35 22R 5%

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176430-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176430-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176430-5_BA.3d_stp.zip

Power Resistor, Thick Film, TO220, 35 W, 22 Ω , 5 %, ±50 ppm/°C, Radial-Leaded, Copper Termination, 10.16 x 15 x 4.6 mm, Tube, 2 Termination, CGS MPT



English

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Datasheets & Catalog Pages

MPT-0518

English