CFH500A2R2J ✔ ACTIVE

CGS | CGS CFH

TE Internal #: 2-1623821-2

2.2 ohm, Wire Wound, 5 %, Power Resistor, 1000 W, 2 Terminations, Flying Leads, Loose Piece - Box, 30 mm [1.181 in] Height, CGS CFH

View on TE.com >

Passive Components > Resistors > Chassis Mount Resistors > Power Wirewound Resistor: Mineral, CFH



Resistor Type: **Power Resistor**

Resistance Class: **Up to 1kΩ**

Resistance Value: **2.2 Ω**

Power Rating: **1000 W**

Element Type: **Wire Wound**

All Power Wirewound Resistor: Mineral, CFH (17)

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Wire Wound

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	2500 V
Resistance Class	Up to 1kΩ
Resistance Value	2.2 Ω
Power Rating	1000 W
Passive Component Tolerance	5 %

Termination Features

Number of Terminations	2
Chassis Mount Resistor Termination Type	Flying Leads

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Slots

Dimensions

Product Height	30 mm[1.181 in]

Product Length	160 mm[6.299 in]
Product Width	95 mm[3.74 in]

Packaging Features

Packaging Method	Loose Piece - Box

Product Compliance

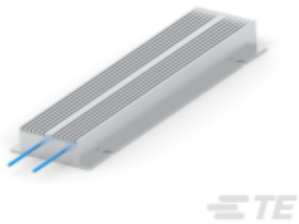
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

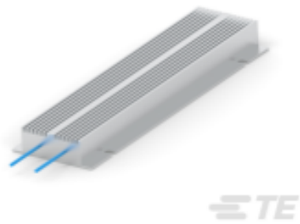
Product Compliance Disclaimer

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



TE Part # 2-1623821-7
CFH350 620R 5% 1000MM LEADS

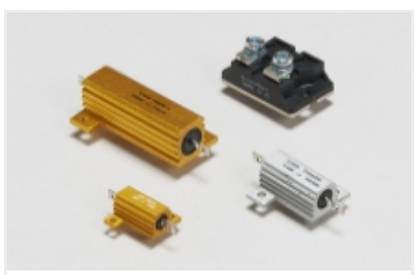


TE Part # CAT-C339-C339
Power Wirewound Resistor: Mineral, CFH



TE Part # 2-1623821-8
CFH 1100 120R 5% 300MM LEADS

Also in the Series | CGS CFH

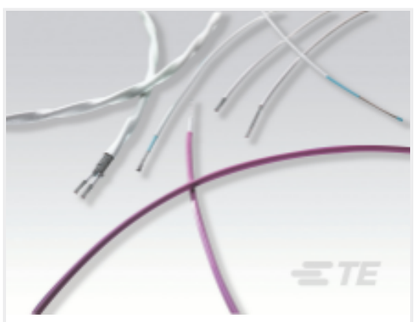


Chassis Mount Resistors(21)

Customers Also Bought



TE Part #122653-000
D-436-0146



TE Part #761573-000
55PC0811-6-9CS2502



TE Part #505299M169
RNF-100-1/8-BK-SP-CS5004

TE Part #363271-000
7528F8614-9CS1653

TE Part #853865-000
CMC-0553-2-9CS2417

TE Part #536937-000
DK-621-0411R-44PCS2326



TE Part #505294M309
RNF-100-3/32-BKSPCS5004



TE Part #5053144386
RNF-100-3/8-BK-SP



TE Part #DTS26W17-06SN-6139
PLUG ASSY

Documents

Product Drawings

CFH 500 2R2 5% 300MM LEADS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1623821-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1623821-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1623821-2_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

Aluminium_Housed_Power_Resistors-Type_CFH_Series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English