# 3430H2F5K1TDF V ACTIVE

## CGS | CGS 3430

TE Internal #: 9-2176562-1

 $5.1 K\,\Omega,$  Thick Film, Power Resistor, 1 %, 2 Termination, 1020, Taped

& Reeled, 2 W,  $\pm 100$  ppm/°C, Solder, Height .024 in [.6 mm], CGS

3430

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: Power Resistor
Number of Terminations: 2
Package Size Code: 1020

Packaging Method: Taped & Reeled
Passive Component Tolerance: 1%

Surface Mount Resistor Termination Type

## **Features**

## **Product Type Features**

Resistor Type	Power Resistor
Package Size Code	1020
Element Type	Thick Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	200 V
Passive Component Tolerance	1 %
Resistance Class	1kΩ - 1MΩ
Resistance Value	5.1K Ω
Power Rating	2 W
Termination Features	
Number of Terminations	2

Solder



#### **Dimensions**

Product Height	.6 mm[.024 in]
Product Length	2.45 mm[.096 in]
Product Width	5 mm[.197 in]
Usage Conditions	

Operating Temperature Range	-55 – 155 °C
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	Not Compliant
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

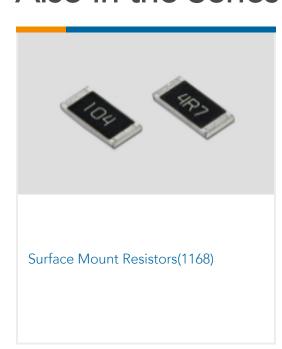
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 3430



## **Documents**

## **Product Drawings**

3430 H2 1% 5K1 100ppm 1k RL

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_9-2176562-1\_BA.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_9-2176562-1\_BA.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_9-2176562-1\_BA.2d\_dxf.zip

English

3D PDF

3D

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

## Datasheets & Catalog Pages

Datasheet - CGS 3430 Series

English

Automotive Grade Wide Terminal Chip Resistor - Type 3430 Series

English