



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Power Resistor**
Number of Terminations: **2**
Package Size Code: **0508**
Packaging Method: **Taped & Reeled**
Passive Component Tolerance: **1 %**

Features

Product Type Features

Resistor Type	Power Resistor
Package Size Code	0508
Element Type	Thick Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	200 V
Passive Component Tolerance	1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	3.9K Ω
Power Rating	1 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder



Dimensions

Product Height	.55 mm[.022 in]
Product Length	1.25 mm[.049 in]
Product Width	2 mm[.079 in]

Usage Conditions

Operating Temperature Range	-55 – 155 $^{\circ}\text{C}$
Temperature Coefficient	± 100 ppm/ $^{\circ}\text{C}$

Packaging Features

Packaging Method	Taped & Reeled
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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 $^{\circ}\text{C}$

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



TE Part # 8-2176552-8
3430 A2 1% 3K9 100ppm 5k RL

Also in the Series | CGS 3430



Surface Mount Resistors(1168)

Customers Also Bought



TE Part #5646731-1
Z-PACK 2MM HM TYPE A/B 125P



TE Part #103310-1
010 LOPRO HDR RA 15DP



TE Part #9-2176307-1
RP 1E 0.1W 107K 0.1% 25PPM 5K RL



TE Part #646547-1
Z-PACK A-B 25 COLUMN SHLD ASSY



TE Part #YDTS20W15-35BNV001
RECP ASSY



TE Part #1410336-2
PIN GUIDE KEYED 9mm PLATED 24-



TE Part #2-2316110-4
24P,2MM,REC,HSG,DR,CRIMP,LATCH, BOX



TE Part #ADP-SMAF-SMPM-SSB
SMA Jack to SMP Plug Bulkhead



TE Part #2176482-4
RA73F 2A 54R9 0.1% 5K RL



Documents

Product Drawings

3430 A2 1% 3K9 100ppm 1k RL

English

CAD Files

Customer View Model

ENG_CVM_CVM_8-2176554-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-2176554-8_BA.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_8-2176554-8_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