CPF-A-0805B12KE ACTIVE

Neohm | Neohm CPF

TE Internal #: 5-2176238-0

Surface Mount Precision Resistor, Thin Film, 0805, .1 W, 12K ohm, .1

%, ±25 ppm/°C, Solder, 2 Terminations, Height .55 mm [.022 in],

Neohm CPF

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Passive Components > Resistors > Surface Mount Resistors











Resistor Type: Precision Resistor

Element Type: **Thin Film**Package Size Code: **0805**

Power Rating: .1 W Resistance Value: $12K\Omega$

Features

Industry Standards

	Moisture Sensitivi	ty Level	1	
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Usage Conditions

Operating Temperature Range	-55 – 155 °C	
Temperature Coefficient	±25 ppm/°C	

Electrical Characteristics

Operating Voltage	100 V
Power Rating	.1 W
Resistance Value	12K Ω
Resistance Class	$1k\Omega - 1M\Omega$
Passive Component Tolerance	.1 %

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0805



Configuration Features		
Number of Resistors	1	
Termination Features		
Surface Mount Resistor Termination Type	Solder	
Number of Terminations	2	
Dimensions		
Product Height	.55 mm[.022 in]	
Product Length	2 mm[.079 in]	
Product Width	1.25 mm[.049 in]	
Packaging Features		
Packaging Method	Taped & Reeled	
Other		
EU RoHS Compliance	Compliant	
EU ELV Compliance	Compliant	

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

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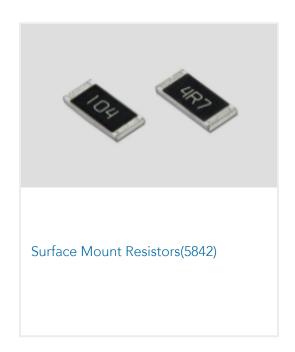


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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 | Neohm CPF



Customers Also Bought

















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TE Part #2311763-3 AMPL REC, HD22, R/A, 15P, THREADED TE Part #GA10K3CG4 CHPC-TAIWAN GOLD CHIP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-2176238-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-2176238-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-2176238-0_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Automotive Grade Thin Film Chip Resistor - Type CPF-A Series

English