CPF-A-0805B20RE ACTIVE

Neohm | Neohm CPF

TE Internal #: 2176238-6

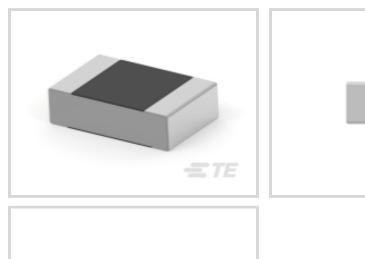
Precision Resistor, Thin Film, 0805, .1 W, 20 ohm, .1 %, ±25 ppm/°C, Solder, 2 Termination, Height .55 mm [.022 in], Length 2 mm [.079

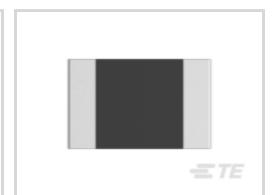
in], Neohm CPF

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors









Resistor Type: Precision Resistor

Element Type: Thin Film
Package Size Code: 0805

Power Rating: .1 W Resistance Value: 20Ω

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0805
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Operating Voltage	100 V
Power Rating	.1 W
Resistance Value	20 Ω
Resistance Class	Up to $1k\Omega$
Passive Component Tolerance	.1 %
Termination Features	

Solder

2

Surface Mount Resistor Termination Type

Number of Terminations



Dimensions

Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]
Usage Conditions	
	FF 1FF 0 <i>C</i>
Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±25 ppm/°C

Industry Standards

Moisture Sensitivity Level 1

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
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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

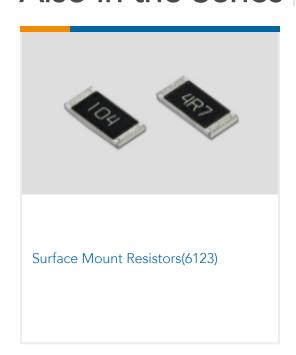
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Customers Also Bought























Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176238-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176238-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176238-6_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