CFR16J120R ✔ ACTIVE

Neohm | Neohm CFR

TE Internal #: 1623927-8

120 ohm, Through-Hole General Purpose Resistor, Carbon Film / Thin Film, .25 W, 5 %, -1200 – 0 ppm/°C, Axial-Leaded, Copper Termination, Neohm CFR

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors

Resistance Value: **120 Ω**

Resistor Type: **General Purpose Resistor**

Element Type: **Thin Film, Carbon Film**

Power Rating: **.25 W**

Resistance Class: **Up to 1kΩ**

Features

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	-1200 – 0 ppm/°C

Electrical Characteristics

Operating Voltage	200 V
Resistance Value	120 Ω
Power Rating	.25 W
Resistance Class	Up to 1kΩ
Passive Component Tolerance	5 %

Product Type Features

Resistor Type	General Purpose Resistor
Element Type	Thin Film, Carbon Film

Configuration Features

Number of Resistors	1

Body Features

Lead Type	Axial-Leaded

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	3.5 x 1.85 mm

Packaging Features

Packaging Method	Ammo Packed

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	Wave solder capable to 265°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 # 1623931-5
CFR25 5% 330K

TE Part # 1-1623932-4
CFR50 5% 120K

TE Part # 2-1623930-8
CFR25 5% 18R

TE Part # 1-1623933-1
CFR50 5% 390K

TE Part # 4-1623930-7
CFR25 5% 1R8

TE Part # 6-1623932-0
CFR50 5% 22K

TE Part # 6-1623932-5
CFR50 5% 270K

TE Part # 8-1623931-9
CFR25 5% 9K1

TE Part # 7-1623931-4
CFR25 5% 75R

TE Part # 3-1623928-8
CFR16 5% 5K6

TE Part # 1623930-4
CFR25 5% 10M

TE Part # 2-1623929-9
CFR200 5% 330R

TE Part # 2-1623927-2
CFR16 5% 18R

TE Part # 4-1623932-8
CFR50 5% 1M8

TE Part # 6-1623932-8
CFR50 5% 27K

TE Part # 1-1623929-4
CFR200 5% 18K

TE Part # 1-1623933-5
CFR50 5% 39R

TE Part # 1-1623925-5
CFR100 5% 1K0

TE Part # 1-1623927-2
CFR16 5% 150K

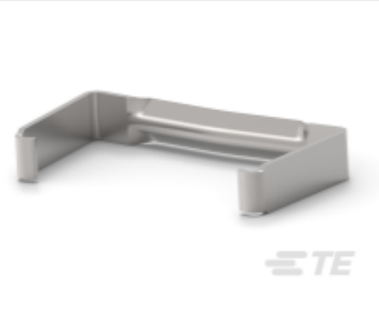
TE Part # 1623925-1
CFR100 5% 100K

Also in the Series | Neohm CFR

Through-Hole Resistors(378)

Customers Also Bought

TE Part #CQ50603001
LWB-103-10.0(10)



TE Part #4-1393560-3
V42254A4000D 9=SUB D BUEGEL

TE Part #2063409-1
SDE MICROTIMER 0.2-1.0mm2 ASSY

TE Part #5-2176365-5
RQ 0603 147R 0.1% 10PPM 1K RL

TE Part #928909-5
PL 250 REC TERMINAL 24-20 AWG PTPB

TE Part #185792-1
180 DEG CAP FOR CORRUGTD TUBE

TE Part #185793-1
90 DEG CAP CORRUGTD TUBE

TE Part #ZPF000000000100924
DBAS 70-27-0 SN 090-1A SCC

TE Part #1478763-9
METAL BACKSHELL 9 WAY 45 DE

TE Part #927849-2
STC REC 6.3 Contact SRC Sn

Documents

Product Drawings

CFR16 5% 120R

English

CAD Files

Customer View Model

ENG_CVM_CVM_1623927-8_BA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1623927-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1623927-8_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

1309350_PASSIVE_COMPONENT

English

Ceramic Film Fixed Resistors - Type CFR Series - Tyco Electronics Passives

English