

CPF2512B150RE1

✓ ACTIVE

Neohm | Neohm CPF

TE Internal #: 1879394-4

Precision Resistor, Thin Film, 2512, .5 W, 150 Ω , .1 %, ± 25 ppm/ $^{\circ}\text{C}$, Solder, 2 Termination, Height .022 in [.55 mm], Length .248 in [6.3 mm], Neohm CPF

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **2512**

Power Rating: **.5 W**

Resistance Value: **150 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	2512

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	150 V
Power Rating	.5 W
Resistance Value	150 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2

Dimensions

Product Height	.55 mm[.022 in]
Product Length	6.3 mm[.248 in]
Product Width	3.1 mm[.122 in]



Usage Conditions

Temperature Coefficient	$\pm$ 25 ppm/ $^{\circ}$ C
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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
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: JAN 2024 (240) 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 $^{\circ}$ 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 # 3-1879216-5 CPF0402 200K 0.1% 25PPM 1K RL	 TE Part # 1-1879417-9 CPF 0603 1M0 0.1% 25PPM 1K RL	 TE Part # 1879417-8 CPF0603 1M0 0.1% 25PPM 5K RL	 TE Part # 1-1614959-4 CPF0805 2M0 0.1% 25PPM 1K RL
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TE Part # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

Also in the Series | Neohm CPF

Surface Mount Resistors(6124)

Customers Also Bought

TE Part # 9-1625971-5
HSA25 R01 10%

TE Part # 2337238-3
TACT MINI GW 5.2X5.2X2 160GF

TE Part # 3-2176307-2
RP 1E 0.1W 26K1 0.1% 25PPM 5K RL

TE Part # 7-2176305-3
RP 1E 0.1W 604R 0.1% 25PPM 5K RL

TE Part # 2-2176392-9
RQ 1206 261K 0.1% 10PPM 5K RL

TE Part # 1-1879353-9
RR02 5% 24K AMMO

TE Part # 7-1879354-5
RR03 5% 390R AMMO

TE Part # 1-830611-0
LGH 1/2 SNGL MLD END

TE Part # 3-1437162-8
FSP-12A-11



Documents

Product Drawings

CPF2512 150R 0.1% 25PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1879394-4_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1879394-4_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1879394-4_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

CPF-1016

English