



Neohm | Neohm CPF

TE Internal #: 7-1879211-9

11.8K Ω , Thin Film, Precision Resistor, .1 %, 2 Termination, 0402, Taped & Reeled, .063 W, ± 25 ppm/ $^{\circ}\text{C}$, Solder, Height .012 in [.3 mm], Neohm CPF

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Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Number of Terminations: **2**

Package Size Code: **0402**

Packaging Method: **Taped & Reeled**

Passive Component Tolerance: **.1 %**

Features

Product Type Features

Resistor Type	Precision Resistor
Package Size Code	0402
Element Type	Thin Film

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Passive Component Tolerance	.1 %
Resistance Class	1k Ω – 1M Ω
Resistance Value	11.8K Ω
Power Rating	.063 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Product Height	.3 mm[.012 in]
Product Length	1 mm[.039 in]
Product Width	.5 mm[.02 in]

Usage Conditions



Temperature Coefficient	± 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: 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 $^{\circ}$ 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




TE Part # 9-1879211-3
CPF 0402 17K4 0.1% 25PPM 5K RL



TE Part # 9-1879211-4
CPF 0402 17K8 0.1% 25PPM 5K RL



TE Part # 1879211-5
CPF 0402 1K82 0.1% 25PPM 5K RL



TE Part # 1879211-6
CPF 0402 1K87 0.1% 25PPM 5K RL



TE Part # 1879211-7
CPF 0402 1K91 0.1% 25PPM 5K RL



TE Part # 3-1879211-7
CPF 0402 4K02 0.1% 25PPM 5K RL



TE Part # 3-1879211-9
CPF 0402 4K22 0.1% 25PPM 5K RL



TE Part # 4-1879211-0
CPF 0402 4K32 0.1% 25PPM 5K RL



TE Part # 4-1879211-1
CPF 0402 4K42 0.1% 25PPM 5K RL



TE Part # 4-1879211-2
CPF 0402 4K53 0.1% 25PPM 5K RL



TE Part # 4-1879211-3
CPF 0402 4K64 0.1% 25PPM 5K RL



TE Part # 4-1879211-4
CPF 0402 4K75 0.1% 25PPM 5K RL




TE Part # 4-1879211-5
CPF 0402 4K87 0.1% 25PPM 5K RL



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 #3-643815-8
08P MTA100 CONN ASSY POL RIB



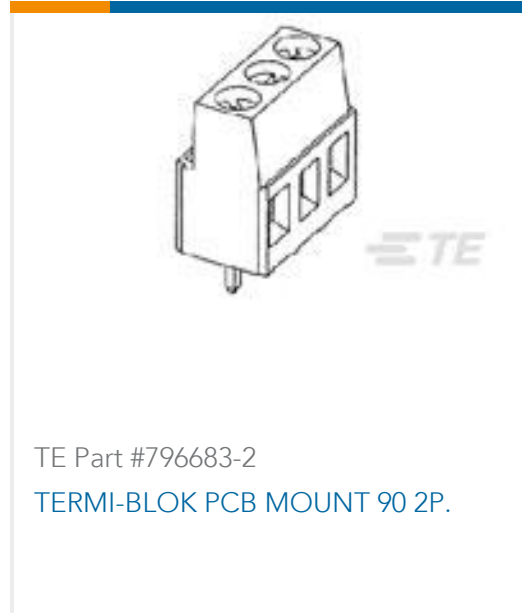
TE Part #4-2176058-8
RLP73K 3A R91 5% 2K RL



TE Part #1241150-6
6P MOD II BREAK AWAY HDR, SMD, BLISTER



TE Part #172333-1
MINI UNIVERSAL M-N-L HOUSING BLISTER



TE Part #796683-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part #2328702-8
8PIN 0.5MMP FPC CONNECTOR, BACK FLIP LOCK



TE Part #6-440129-3
HPI 2.0MM,HSG,3POS,BLACK



TE Part #CONSMA002-G
SMA Jack 50 Ohm PCB Through Hole



TE Part #CONSMA002-L
SMA Jack 50 Ohm PCB Through Hole



TE Part #3-2176455-9
CPF 0402 274K 0.1% 25ppm 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-1879211-9_BA.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1879211-9_BA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1879211-9_BA.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[CPF-1016](#)

English