



Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0805**

Power Rating: **.1 W**

Resistance Value: **1.8M Ω**

Features

Product Type Features

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

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Power Rating	.1 W
Resistance Value	1.8M Ω
Resistance Class	1MΩ – 1GΩ
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	2 mm[.079 in]
Product Width	1.25 mm[.049 in]

Usage Conditions

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Temperature Coefficient	±25 ppm/°C
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Industry Standards

Moisture Sensitivity Level	1
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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 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

CPF0805B1M8E

1.8M ohm, Thin Film, Precision Resistor, .1 %, 0805, .1 W, ±25 ppm/°C, Solder, 2 Terminations, .55 mm [.022 in] Height, NEOHM CPF





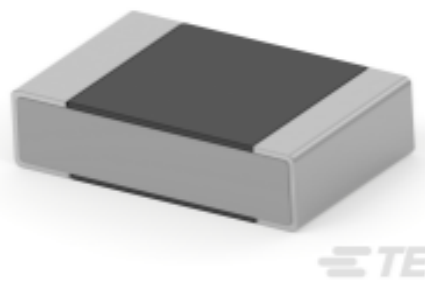
TE Part # 1879417-8
CPF0603 1M0 0.1% 25PPM 5K RL



TE Part # 3-1879216-5
CPF0402 200K 0.1% 25PPM 1K RL



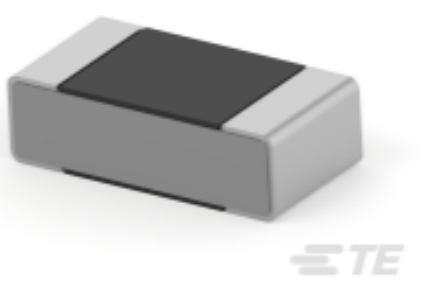
TE Part # 1-1614959-4
CPF0805 2M0 0.1% 25PPM 1K RL



TE Part # 7-1614894-3
CPF0805 1M3 0.1% 25PPM 5K RL



TE Part # 1-1879417-9
CPF 0603 1M0 0.1% 25PPM 1K RL



TE Part # 9-1879216-1
CPF 0402 158K 0.1% 25PPM 5K RL

Also in the Series | NEOHM CPF



Surface Mount Resistors(5842)

Customers Also Bought



TE Part #D12330-000
RNF-100-MINI-SPL-3/8-BK



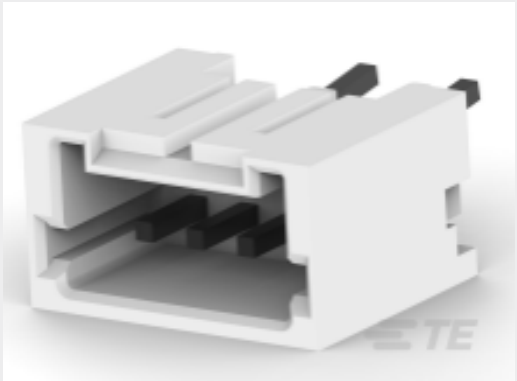
TE Part #ANT-916-JJB-ST
Antenna Mini Straight 916MHz THM



TE Part #5052864009
RNF-100-3/64-4-SP



TE Part #42802-1
250 FASTON TAB TPBR



TE Part #2-292207-4
MINI CT SGL DIP V 4P BLACK



TE Part #3-292207-4
MINI CT SGL DIP V 14P BLACK



TE Part #7-1614894-7
CPF0805 2M0 0.1% 25PPM 5K RL



TE Part #1879225-1
CPF 0603 38K3 0.1% 25PPM 1K RL



TE Part #1879378-7
TLR 2512 2.0W R0005 1% 50PPM 2K RL



TE Part #9-1879494-7
CRGH0603 5% 10K 0.2W

Documents

Product Drawings

CPF0805 1M8 0.1% 25PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1614894-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1614894-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1614894-6_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