



Passive Components > Resistors > Surface Mount Resistors



Resistance Value: 182K Ω

Resistor Type: Precision Resistor

Element Type: Thin Film

Package Size Code: 0402

Power Rating: .063 W

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Resistors | 1 |
|---------------------|---|

Electrical Characteristics

| | |
|-----------------------------|---------------------------|
| Resistance Value | 182K Ω |
| Power Rating | .063 W |
| Resistance Class | 1k Ω – 1M Ω |
| Passive Component Tolerance | .1 % |

Termination Features

| | |
|---|--------|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations | 2 |



Dimensions

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

Usage Conditions

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|-----------------------------|--------------|
| 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 | Low Halogen - Br, Cl, F, I < 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



TE Part # 2-2176280-3
CPF 0402 178K 0.1% 25PPM 1K RL



TE Part # 2-2176280-5
CPF 0402 187K 0.1% 25PPM 1K RL

Also in the Series | [Neohm CPF](#)



Surface Mount Resistors(5842)

Customers Also Bought



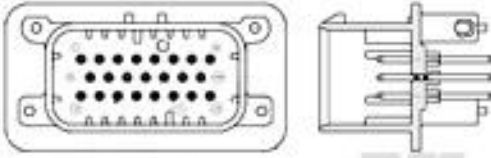
TE Part #4-794630-0
10POS MICRO MNL ASSY,VRT,HDR



TE Part #100616-1
8/8 MOD.JACK ASSY TE SHIELDED



TE Part #6-1879338-7
CPF 0603 130K 1% 50PPM 1K RL



TE Part #1-776276-1
8POS,PIN DIA 1.3,HDR ASSY,180DEG, COD 1



TE Part #5220234001
ZH-100-1/8-0-SP



TE Part #5787745-4
USB A R/A STAK ASSY THRU HOLE



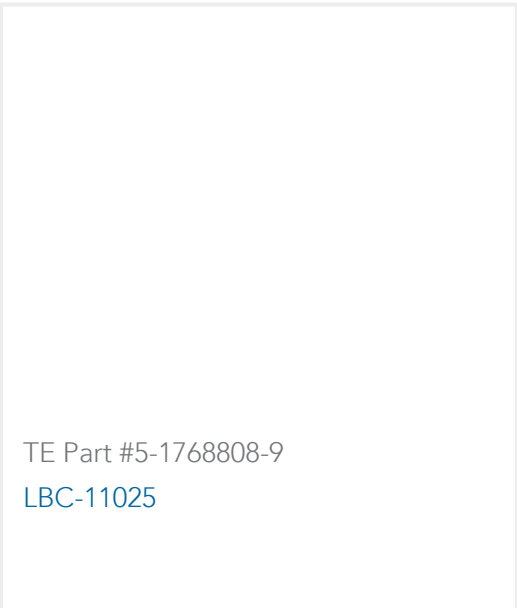
TE Part #2301841-2
AMPL REC HD20, VERT, 25P, B/L,4-40 S/LOC



TE Part #640445-5
05P MTA156 HDR ASSY FL/STR SN

CPF0402B182KE1

182K ohm, Surface Mount Precision Resistor, Thin Film, 0402, .063 W, .1 %, ±25 ppm/°C, Solder, 2 Terminations, .3 mm [.012 in] Height, Neohm CPF



Documents

Product Drawings

CPF 0402 182K 0.1% 25PPM 1K RL

English

Datasheets & Catalog Pages

CPF-1016

English