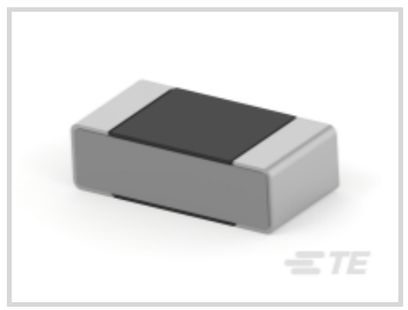
CPF0402B105KE1 ✔ ACTIVE

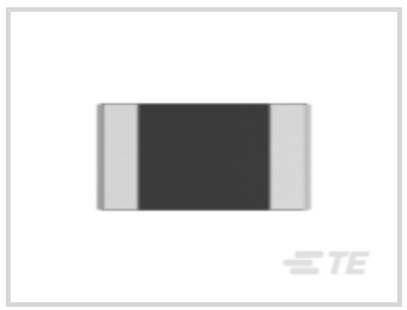
TE Internal #: 2176280-4

Surface Mount Resistors, Precision Resistor, 2 Termination, 0402, Taped & Reeled, .1 %, Thin Film, Resistance Class 1kΩ – 1MΩ, 105K Ω, .063 W

View on TE.com >

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

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

Configuration Features

Number of Resistors	1

Electrical Characteristics

Passive Component Tolerance	.1 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	105K Ω
Power Rating	.063 W

Termination Features

Number of Terminations	2
Surface Mount Resistor Termination Type	Solder

Dimensions

Passive Component Dimensions	1 x .5 x .3 mm

Usage Conditions

Operating Temperature Range	-55 – 155 °C
Temperature Coefficient	±25 ppm/°C

Packaging Features

Packaging Method	Taped & Reeled

Product Compliance

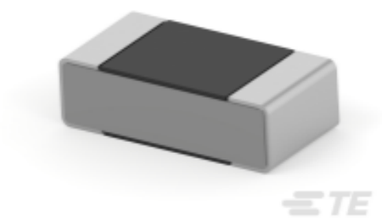
For compliance documentation, visit the product page on TE.com>

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

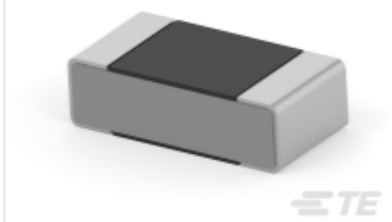
Product Compliance Disclaimer

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

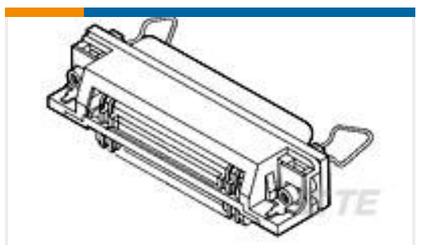


TE Part # 2176280-3
CPF 0402 102K 0.1% 25PPM 1K RL



TE Part # 2176280-5
CPF 0402 107K 0.1% 25PPM 1K RL

Customers Also Bought



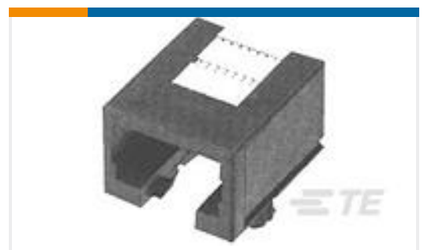
TE Part #5554923-1
RCPT ASSY, R/TANG SHLD, 24 POS



TE Part #4-2176231-5
3522 680R 1% 3W



TE Part #7-1393239-8
RT314A05



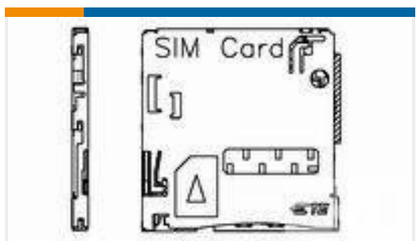
TE Part #215876-2
6/4 PCB MOD.JACK SE



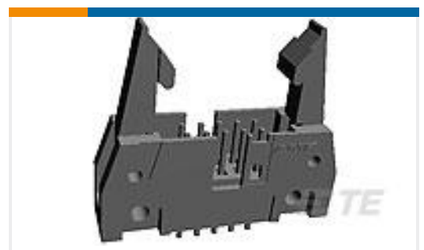
TE Part #1676263-2
RN 0805 243R 0.1% 10PPM 1KRL



TE Part #8-1879253-2
RP 2B 20R 0.1% 15PPM CUT LENGTH



TE Part #2229333-2
PUSH-PUSH MICRO SIM CONNECTOR SMT-2 TYPE



TE Part #2-5499206-9
A/L UNIV HDR 40P VERT LG LAT B



TE Part #8-1734857-5
PCI EXP STRADDLE 164P BLK 30u"

Documents

Product Drawings

CPF 0402 105K 0.1% 25PPM 1K RL

English

Datasheets & Catalog Pages

CPF-1016

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English