RQ73C1J6K81BTD ✔ ACTIVE

Holsworthy | Holsworthy RQ73

TE Internal #: 1-2176371-7

6.81K ohm, Thin Film, Precision Resistor, .1 %, 0603, .166 W, ±10 ppm/°C, Solder, 2 Terminations, .45 mm [.018 in] Height, Holsworthy RQ73

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.166 W**

Resistance Value: **6.81K Ω**

Features

Product Type Features

Shelf Life	2 Years
Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0603

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	75 V
Power Rating	.166 W
Resistance Value	6.81K Ω
Resistance Class	1kΩ – 1MΩ
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder

Number of Terminations	2

Dimensions

Product Height	.45 mm[.018 in]
Product Length	1.55 mm[.061 in]
Product Width	.8 mm[.031 in]

Usage Conditions

Operating Temperature Range	-55 – 155 °C[-67 – 311 °F]
Temperature Coefficient	±10 ppm/°C

Industry Standards

Industry Standard	AEC-Q200 Compliant
ESD HBM Classification	0
Moisture Sensitivity Level	1

Packaging Features

Packaging Method	Taped & Reeled

Other

Passive Component Comment	Shelf Life Based on Date of Manufacture

Product Compliance

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

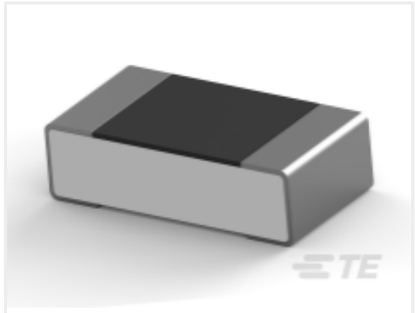
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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



TE Part # 1-2176367-7
RQ 0603 6K81 0.1% 10PPM 1K RL



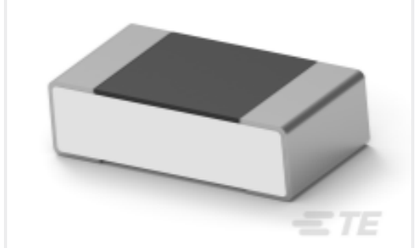
TE Part # 2176372-6
RQ 0603 56K2 0.1% 10PPM 5K RL



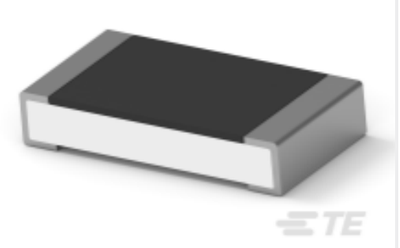
TE Part # 3-2176382-0
RQ 0805 267K 0.1% 10PPM 5K RL



TE Part # 3-2176389-4
RQ 1206 237R 0.1% 10PPM 5K RL

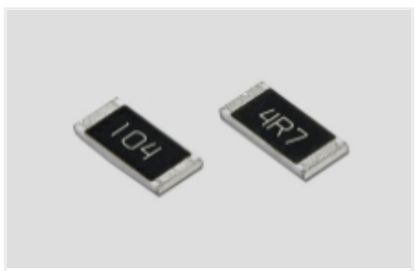


TE Part # 2176371-8
RQ 0603 5K49 0.1% 10PPM 5K RL



TE Part # 4-2176391-2
RQ 1206 33K2 0.1% 10PPM 5K RL

Also in the Series | Holsworthy RQ73

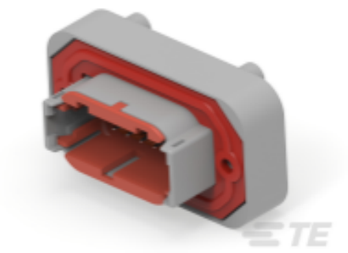


Surface Mount Resistors(1954)

Customers Also Bought



TE Part #EEC-325X4B-E016
ENCLOSURE, 3.25 X 4, CLR, NO VENT



TE Part #DTM15-12PD
HDR, 12P, GRY, ST, NI/CU, D



TE Part #NB-PTCO-165
Pt1000, 2.0x2.3, Class T, PTFC102T1A0



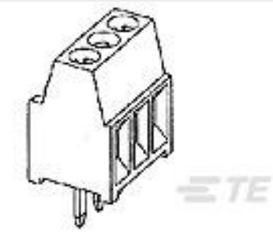
TE Part #61549-1
110 FASTON FLAG REC 22-16 AWG TPBR



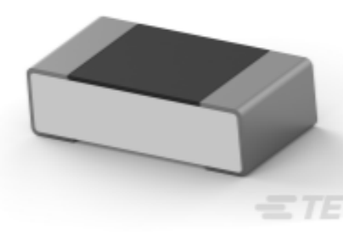
TE Part #5-104069-5
30 sys 50 hdr drra shrd sn



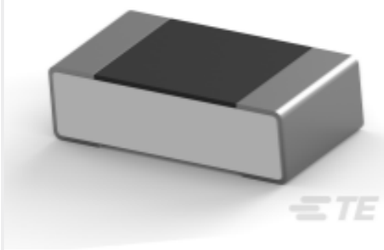
TE Part #1-480699-9
02P UMNL CAP HSG BLK



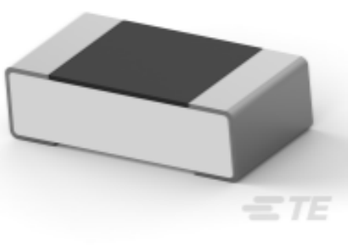
TE Part #1546551-3
3P,STRAIGHT,SIDE ENTRY,3.5MM



TE Part #5-2176369-7
RQ 0603 154R 0.1% 10PPM 5K RL



TE Part #8-2176370-2
RQ 0603 3K01 0.1% 10PPM 5K RL



TE Part #1-2176372-4
RQ 0603 68K1 0.1% 10PPM 5K RL

Documents

Product Drawings

RQ 0603 6K81 0.1% 10PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176371-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176371-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176371-7_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SMD Thin Film Precision Resistors - AEC-Q200 Compliant - Type RQ73 Series

English