RQ73C1E825RBTD ✔ ACTIVE

Holsworthy | Holsworthy RQ73

TE Internal #: 2-2176363-8

825 ohm, Thin Film, Precision Resistor, .1 %, 0402, .0625 W, ±10 ppm/°C, Solder, 2 Terminations, .3 mm [.012 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: **0402**

Power Rating: **.0625 W**

Resistance Value: **825 Ω**

Features

Product Type Features

Shelf Life	2 Years
Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0402

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	50 V
Power Rating	.0625 W
Resistance Value	825 Ω
Resistance Class	Up to 1kΩ
Passive Component Tolerance	.1 %

Termination Features

Surface Mount Resistor Termination Type	Solder

Number of Terminations	2

Dimensions

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

Usage Conditions

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>

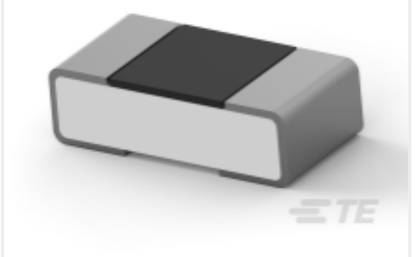
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does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

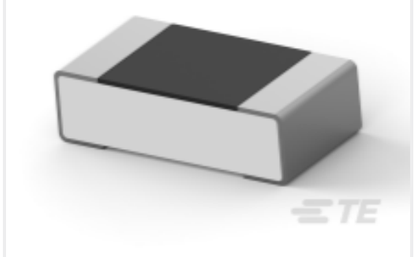
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

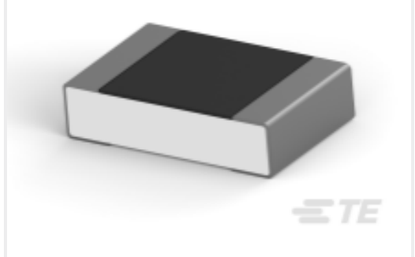
Compatible Parts



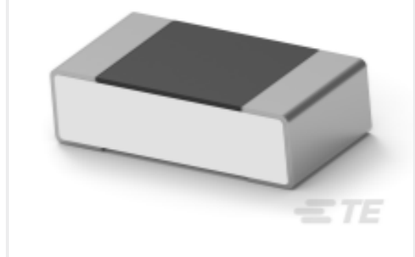
TE Part # 2-2176360-8
RQ 0402 825R 0.1% 10PPM 1K RL



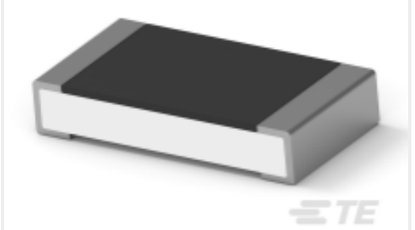
TE Part # 2176372-6
RQ 0603 56K2 0.1% 10PPM 5K RL



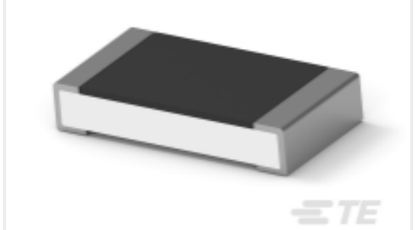
TE Part # 3-2176382-0
RQ 0805 267K 0.1% 10PPM 5K RL



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

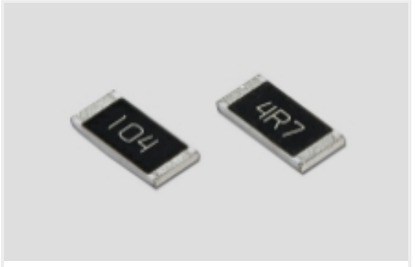


TE Part # 4-2176391-2
RQ 1206 33K2 0.1% 10PPM 5K RL



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

Also in the Series | Holsworthy RQ73



Surface Mount Resistors(1954)

Customers Also Bought



TE Part #2-320552-1
PIDG R 22-16 COMM 22-18 MIL 10



TE Part #3-794618-8
08P MICRO MNL ASSY R/A HDR LF



TE Part #3-794632-2
02P MICRO MNL ASSY,VRT,HDR,LF



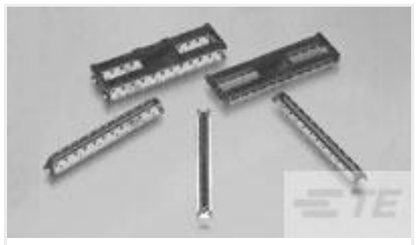
TE Part #4-794633-2
12P MICRO MNL ASSY,VRT,SMT,LF



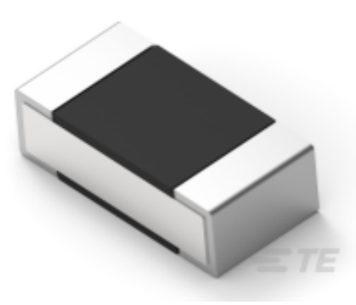
TE Part #2-1445050-3
MICRO MNL HDR ASSY S/ROW LF



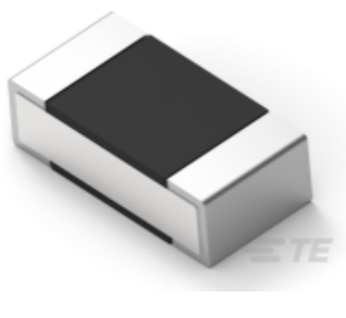
TE Part #1761607-6
IDC LOW PRO HDR 16P RA LAT BLK



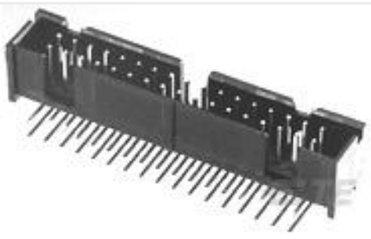
TE Part #3-1827253-6
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



TE Part #5-2176306-8
RP 1E 0.1W 4K53 0.1% 25PPM 5K RL



TE Part #2-2176307-1
RP 1E 0.1W 20K 0.1% 25PPM 5K RL



TE Part #5103310-1
A/L LOW PRO HDR 10P RA BLACK

Documents

Product Drawings

RQ 0402 825R 0.1% 10PPM 5K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-2176363-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-2176363-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-2176363-8_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