# CRGCQ0402J680R ✔ ACTIVE

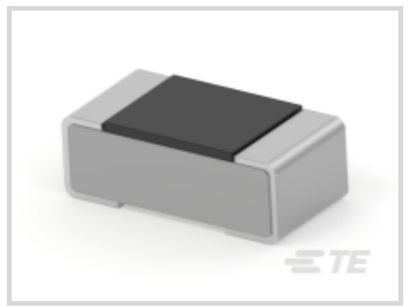
Neohm | Neohm CRGCQ

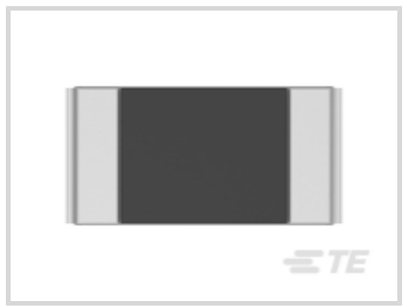
TE Internal #: 1-2176338-8

General Purpose Resistor, Thick Film, 0402, .0625 W, 680 ohm, 5 %, ±100 ppm/°C, Solder, 2 Termination, Height .35 mm [.014 in], Neohm CRGCQ

View on TE.com >

Passive Components > Resistors > Surface Mount Resistors







Resistor Type: **General Purpose Resistor**

Element Type: **Thick Film**

Package Size Code: **0402**

Power Rating: **.0625 W**

Resistance Value: **680 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | General Purpose Resistor |
| Element Type | Thick Film |
| Package Size Code | 0402 |

### Configuration Features

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

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 50 V |
| Power Rating | .0625 W |
| Resistance Value | 680 Ω |
| Resistance Class | Up to 1kΩ |
| Passive Component Tolerance | 5 % |

### Termination Features

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

### Dimensions

| | |
|---|---|
| Product Height | .35 mm[.014 in] |
| Product Length | 1 mm[.039 in] |
| Product Width | .5 mm[.02 in] |

### Usage Conditions

| | |
|---|---|
| Temperature Coefficient | ±100 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 with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 # 1-2176341-7
CRGCQ 0805 220R 1%



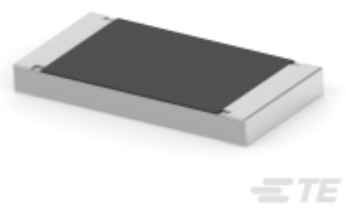
TE Part # 1-2176345-2
CRGCQ 1210 82R 1%



TE Part # 1-2176347-7
CRGCQ 2010 220R 1%



TE Part # 2176349-4
CRGCQ 2512 18R 1%



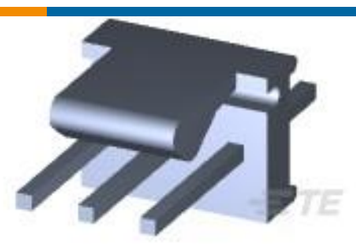
TE Part # 1-2176350-2
CRGCQ 2512 68R 5%

## Also in the Series | Neohm CRGCQ




Surface Mount Resistors(728)

## Customers Also Bought



TE Part #640456-3
03P MTA100 HDR ASSY F/L SQ STR




TE Part #1825057-5
ADE0604=DIP SWITCH,EXT,THRU/HL



TE Part #4-1393240-8
RT334024



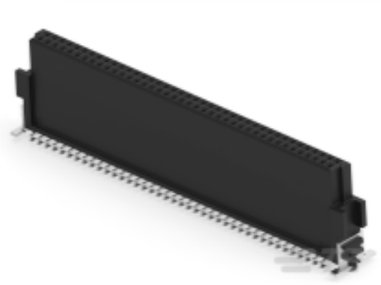
TE Part #1825027-2
FSMRA1JH04=R/A,TACT PB SW,160G



TE Part #1437565-3
FSM101=12MM FSM TYPE WITH RAIS




TE Part #EC0787-000
Z-Type Push-On Markers



TE Part #234201-E
SMCB 80 F AB VV 7-23 CL * H007 137 E002

# Documents

## Product Drawings

CRGCQ 0402 680R 5%

English

## CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176338-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176338-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176338-8_BA.3d_stp.zip

English

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

## Datasheets & Catalog Pages

CRGCQ Data Sheet

English

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## TE Connectivity:

1393431-1 1969656-1 3-1393225-0 CPF0402B37K4E1 MPT100C18RF TE50BR39J 1-962915-1
CRGCQ2010J3K3 1743455-2 2377783-2 3430B2F51RTDF 175977-2 2005330-1 936348-1 2834055-1
ROX05SJ18R SMW73R0JT U5254-000005-030PA 1-794222-0 2-292161-3 2380312-2 SBCHE154R7K
141991-2 1903112-2 2310537-1 650075-000 3631B101LL 917696-1 RH73H2A40MKTN SBCHE64R7K