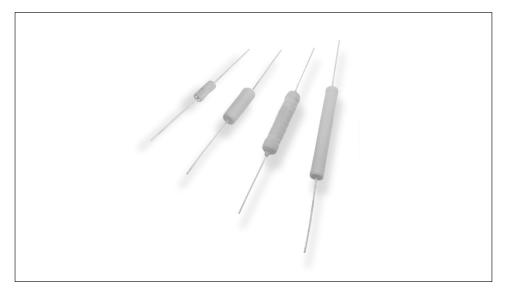


Type C Series

Key Features

- Vitreous Enamel Coated
- Quality Approved
- Up to 14 Watts Power
- All Welded Construction
- Overload 10 x 5 Seconds
- Ammo Packed or Reeled (3-7 Watt)



TE Connectivity has offered the 'C' Series of Vitreous Enamelled Wirewound Resistors for more than 25 years and as a result of continuous development and investment in the latest production equipment now supplies a product with a proven record of reliability and quality. These economically priced resistors are capable of dissipating high power from a relatively small size in harsh environmental conditions. The resistors are manufactured from quality materials for optimum reliability and stability.

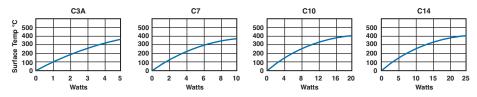
Characteristics - Electrical

| | C3A | C7 | C10 | C14 | |
|---|--|----------------------|------------------------|------------|--|
| Wattage at 40°C: | 4 | 7 | 10 | 14 | |
| Ohmic Value (Min): | R10 | R10 | R10 | R10 | |
| (Max): | 10K | 27K | 47K | 100K | |
| Limiting Element Voltage (DC/AC RMS): | 200 | 350 | 500 | 650 | |
| Resistance Tolerance: | (1% b | | 5%, 2% a limited va | lue range) | |
| Temperature Coefficient of Resistance (Ohmic Value): Above 1R0 90ppm/°C | | | | 0 | |
| Overload Resistance Change (Up to 10x rated wattage for 5 s | ecs): | cs): ΔR Less than 1% | | | |
| Load Life stability at Rated Wattage (Resistance Change): | 1 | 000 Hours | ∆R Less th | an 3% | |
| | 8 | 000 Hours | ∆R Less th | an 5% | |
| Shelf Life Stability (Resistance Change): | | 2 Years | ΔR Less th | an 0.25% | |
| Power Derating: | Derate from 40°C linearly to zero at 350°C | | | | |

Characteristics - Environmental

| Climatic Category 55/200/56: | ΔR Typically less than 1% |
|------------------------------------|---------------------------|
| Solder Heat 260° for 5 Seconds: | ΔR Less than 0.1% |

Surface Temperature v Power Dissipation

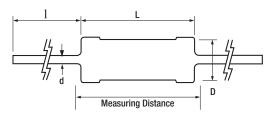




High Power Resistors

Type C Series

Dimensions



| Туре | L | D | d | I | Measuring Distance |
|------|------|-----|-----|------|-----------------------|
| C3A | 13.0 | 5.7 | 0.8 | 35.0 | 30.7 |
| C7 | 22.0 | 8.5 | 0.8 | 35.0 | 37.7 |
| C10 | 38.1 | 8.5 | 0.8 | 35.0 | 52.8 |
| C14 | 53.3 | 8.5 | 0.8 | 35.0 | 69.5 |

Packaging Bandolier

C10/C14 - packed in cardboard sleeves in multiples of 25.

C3A - Ammo 500 Reeled 1000

C7 - Ammo 250 Reeled 500

How to Order

| C3A | 680R | J | Т |
|---|---|--------------------------------|---|
| Common Part | Resistance Value | Tolerance | Pack Style |
| C3A - 3 Watt C7 - 7 Watt C10 - 10 Watt C14 - 14 Watt | 0.1 ohm (100 milliohms) R10 1.0 ohm (1000 milliohms) 1R0 1K ohm (1000 ohms) 1K0 | G - ±2% J - ±5% K - ±10% | R - Bandoliered Reel T - Bandoliered Ammo Pack L - Loose (C10 & C14 only) |

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X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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Click to view products by TE Connectivity manufacturer:

Other Similar products are found below :

 G05C7R000HB1223
 G22041431007J2C000
 PW10-39R-5%
 C142K2JL
 CA00021R000JE14
 RWR81S1000BRB12
 RWR81SR427DRB12

 RWR81SR619FRBSL
 RWR89S9310FPB12
 93J62RE
 AC04000002209JAC00
 25J39K
 CP0005330R0JE3191
 CPCC03R5000JB31

 CPCC0510R00JE32
 CPCC051R000JB31
 CPCP10500R0JE32
 CPW152K500JE313
 CA000210R00JE14
 RS02B887R0FE73

 RWR89S6190FSB12
 RWR89SR237FRB12
 CPCC03R2000JB31
 CPW055R000JB143
 CPW103K300JE143
 CPW202R000JB14
 ULW5

 39R0JT075
 W31-R47JA1
 VP25K-120
 VC3D900
 65888-3R3
 RWR89S4121FRS73
 RWR80S10R0FSB12
 CB5JB10R0

 RWR81S1000FRB12
 CP000533R00JE66
 RWR84N5360FPB12
 VC3D.5
 SQM500JB-200R
 RWR81N49R9FSS70
 75822-10R
 WHS201

 68RJA25
 W31-1K2JA1
 RWR81S20R0FRS73
 25W110-BULK
 25W239
 25W3D3-BULK
 65888-300
 135-R47-JBW