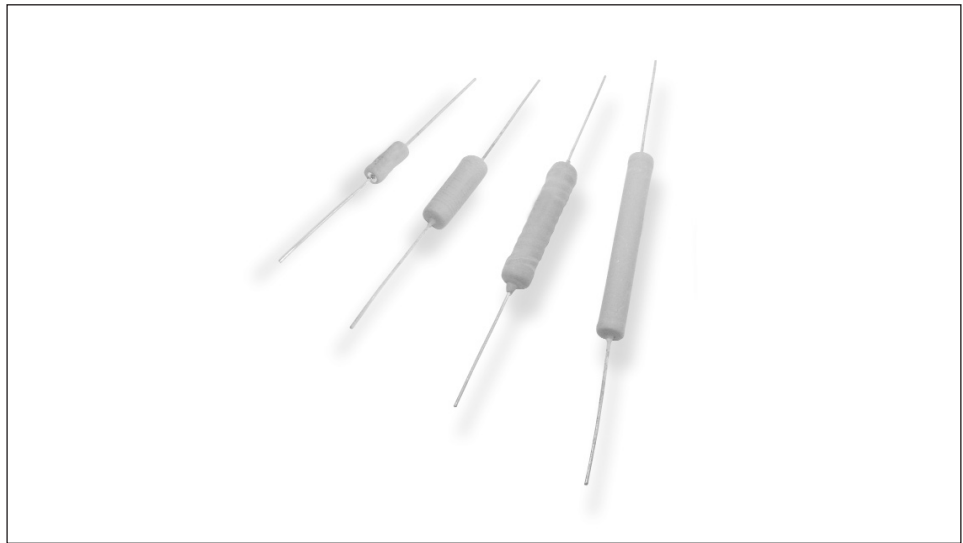


Type C Series

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.

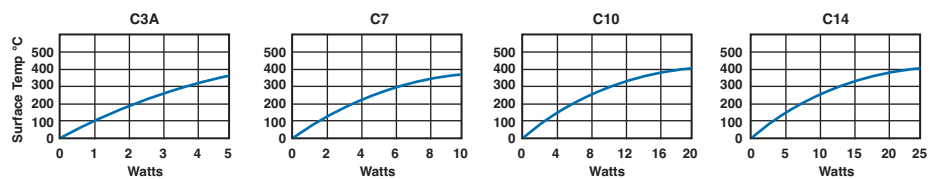
Characteristics - Electrical

	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:	10%, 5%, 2% (1% by request on a limited value range)			
Temperature Coefficient of Resistance (Ohmic Value):	Above 1R0 90ppm/°C			
Overload Resistance Change (Up to 10x rated wattage for 5 secs):	ΔR Less than 1%			
Load Life stability at Rated Wattage (Resistance Change):	1000 Hours	ΔR Less than 3%		
	8000 Hours	ΔR Less than 5%		
Shelf Life Stability (Resistance Change):	2 Years		ΔR Less than 0.25%	
Power Derating:	Derate from 40°C linearly to zero at 350°C			

Characteristics - Environmental

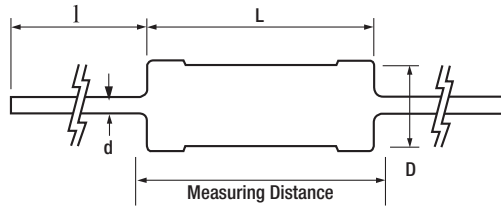
Climatic Category 55/200/56:	ΔR Typically less than 1%
Solder Heat 260° for 5 Seconds:	ΔR Less than 0.1%

Surface Temperature v Power Dissipation



Type C Series

Dimensions



Type	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	T
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 - $\pm 2\%$ J - $\pm 5\%$ K - $\pm 10\%$	R - Bandoliered Reel T - Bandoliered Ammo Pack L - Loose (C10 & C14 only)

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Largest Supplier of Electrical and Electronic Components

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[AC10000002208JAB00](#) [AC10000004708JAB00](#) [SQMW5R39J](#) [SQPW5R22J](#) [SQPW5R33J](#) [1879927-3](#) [FCB2100RJ](#) [T505](#) [FSQ5WR47J](#)
[FW10A33R0JA](#) [CPCC03R5000JB31](#) [CPCC0510R00JE32](#) [CPCC051R000JB31](#) [CPCP10500R0JE32](#) [CPW05700R0JE143](#)
[CPW152K500JE313](#) [C1010RJL](#) [C10220RJL](#) [C10R47JL](#) [C141K0JL](#) [C144R7JL](#) [ES05W100RJ](#) [SQMW1047RJ](#) [SQMW210RJ](#)
[CPCC03R2000JB31](#) [CPCC0515R00JE01](#) [CPW055R000JB143](#) [CPW103K300JE143](#) [CPW202R000JB14](#) [ULW5-39R0JT075](#) [W31-R47JA1](#)
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