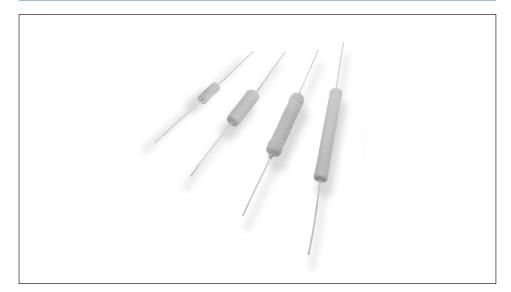


Type C Series

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.

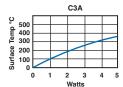
Characteristics - Electrical

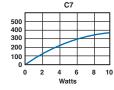
	C3A	C7	C10	C14	
Wattage at 40°C:	4	7	10	14	
Ohmic Value (Min):	R10	R10	R10	R10	
(Max):	10K	27K	47K	100K	
Limiting Element Voltage (DC/AC RMS):	200	350	500	650	
Resistance Tolerance:	(1% b	10%, 5%, 2% (1% by request on a limited value range)			
Temperature Coefficient of Resistance (Ohmic Value):		Above 1R0 90ppm/°C			
Overload Resistance Change (Up to 10x rated wattage for 5 s	for 5 secs): ΔR Less than 1%				
Load Life stability at Rated Wattage (Resistance Change):		1000 Hours	ΔR Less th	an 3%	
	8	B000 Hours	ΔR Less th	an 5%	
Shelf Life Stability (Resistance Change):		2 Years ΔR Less than 0.25%			
Power Derating:	Derate	Derate from 40°C linearly to zero at 350°C			

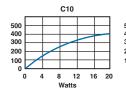
Characteristics - Environmental

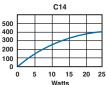
Climatic Category 55/200/56:	ΔR Typically less than 1%	
Solder Heat 260° for 5 Seconds:	ΔR Less than 0.1%	

Surface Temperature v Power Dissipation





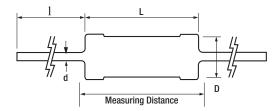






Type C Series

Dimensions



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

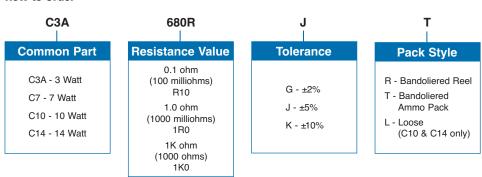
Packaging Bandolier

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

C3A - Ammo 500 Reeled 1000

C7 - Ammo 250 Reeled 500

How to Order



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