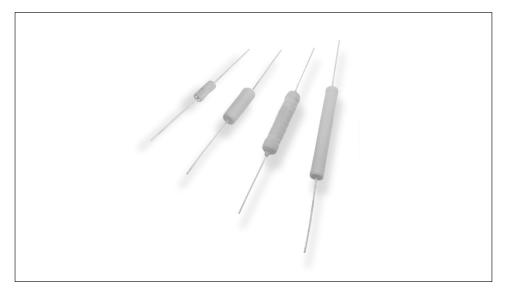


# **Type C Series**

### **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.

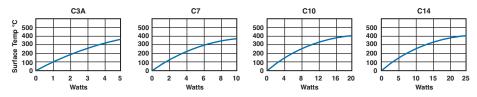
### **Characteristics - Electrical**

	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

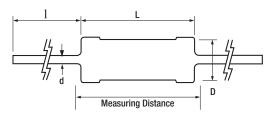




**High Power Resistors** 

# **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	<b>Resistance Value</b>	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)

TE Connectivity, TE connectivity (logo) and TE (logo) are trademarks.

Other logos, product and Company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this datasheet, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this datasheet are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice.

# **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Wirewound Resistors - Through Hole category:

Click to view products by TE Connectivity manufacturer:

Other Similar products are found below :

75822-2K4 AC03000001208JAC00 EP3WS47RJ C1010KJL C1015RJL C3A10KJT 27J1K0 ES3W47RJ AC04000001500JAC00 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 ULW5-68RJT075 SQBW401K0JFASTON SPH1001JLF 65888-3R3 CPCC10R5100JE66 SQP500JB-400R SQBW403R3JFASTON 280-PRM7-4.7-RC CW02B9R100JE73 CPCP05R1000JE32