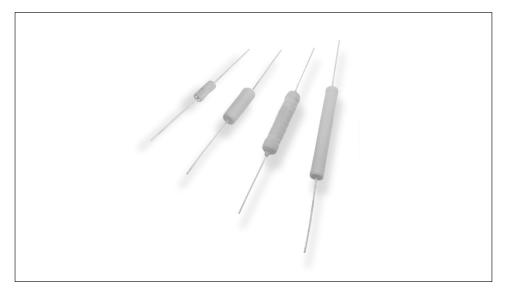


Type C Series

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.

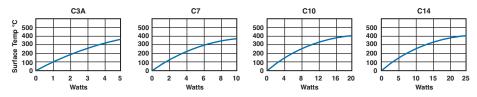
Characteristics - Electrical

	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

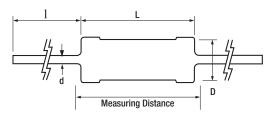




High Power Resistors

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)

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 90J56R AC03000001208JAC00 EP3WS47RJ C1010KJL C1015RJL C3A10KJT 27J1K0 ES3W47RJ AC04000001500JAC00 AC10000002208JAB00 AC1000004708JAB00 SQMW5R39J SQPW5R22J SQPW5R33J 1879927-3 FCB2100RJ T505 FSQ5WR47J FW10A33R0JA C1010RJL C10220RJL C10R47JL C141K0JL C144R7JL ES05W100RJ SQMW1047RJ SQMW210RJ ULW5-39R0JT075 W31-R47JA1 ULW5-68RJT075 SQBW401K0JFASTON SPH1001JLF 65888-3R3 SQP500JB-400R SQBW403R3JFASTON 280-PRM7-4.7-RC CW02B9R100JE73 FW70A1000JA AC05000005608JAC00 SQPW547RJ SQMW10R68J C102K2JL SQPW510RJ PW103001KLF SQPW522RJ SQPW568RJ FCB4560RJ FCB2R47J SQPW2R047J