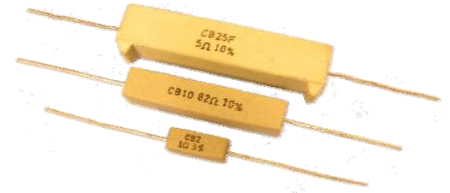
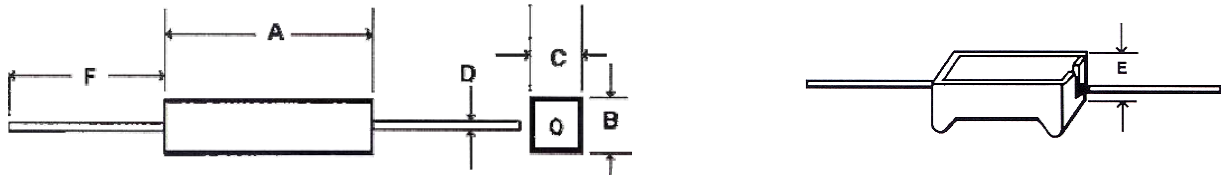


- Features:
- Fireproof power wirewound
  - High thermal conductivity
  - Standoffs may be available (CBF, MCBF). Contact factory for details.
  - RoHS compliant / lead-free



Electrical Specifications					
Type / Code	Power Rating (Watts) @ 70°C	Maximum Working Voltage (V)	Maximum Overload Voltage (V)	Ohmic Range (Ω) and Tolerance	
				5%	10%
CB2	2W	250	500	0.056 - 100	0.056 - 100
CB3	3W	300	600	0.1 - 100	0.1 - 100
CB5	5W	350	700	0.1 - 470	0.1 - 470
CB7	7W	500	1000	0.39 - 470	0.39 - 470
CB10	10W	700	1400	0.56 - 680	0.56 - 680
CB15	15W	700	1400	0.56 - 820	0.56 - 820
MCB3	3W	300	600	110 - 51K	110 - 51K
MCB5	5W	350	700	110 - 51K	110 - 51K
MCB7	7W	500	1000	510 - 51K	510 - 51K
MCB10	10W	700	1400	750 - 51K	750 - 51K
MCB15	15W	700	1400	910 - 51K	910 - 51K

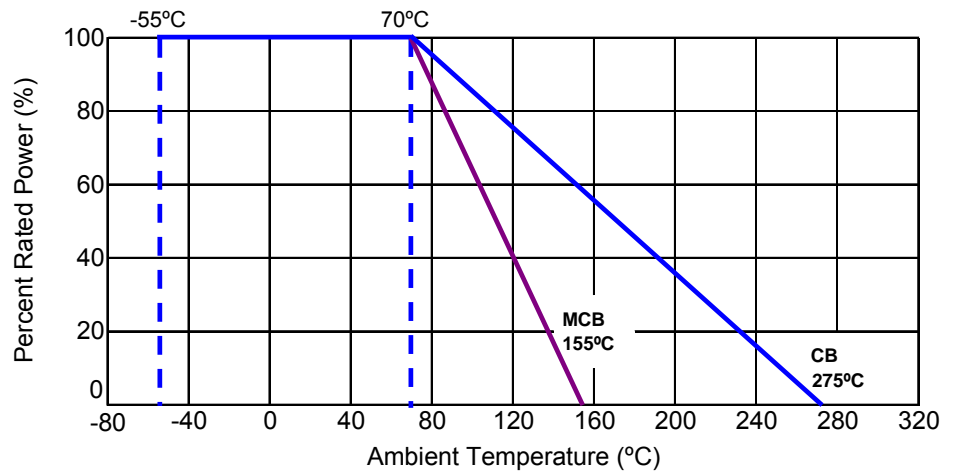


Mechanical Specifications							
Type / Code	A Body Length	B Height	C Width	D Lead Diameter	E (CBF, MCBF only)	F Lead Length	Unit
CB2	0.709 ± 0.047 18.00 ± 1.20	0.252 ± 0.047 6.40 ± 1.20	0.252 ± 0.047 6.40 ± 1.20	0.031 ± 0.004 0.80 ± 0.10	0.299 ± 0.039 7.60 ± 1.00	1.378 ± 0.118 35.00 ± 3.00	inches mm
CB3, MCB3	0.866 ± 0.047 22.00 ± 1.20	0.315 ± 0.047 8.00 ± 1.20	0.315 ± 0.047 8.00 ± 1.20	0.031 ± 0.004 0.80 ± 0.10	0.374 ± 0.039 9.50 ± 1.00	1.378 ± 0.118 35.00 ± 3.00	inches mm
CB5, MCB5	0.866 ± 0.047 22.00 ± 1.20	0.374 ± 0.039 9.50 ± 1.00	0.374 ± 0.039 9.50 ± 1.00	0.031 ± 0.004 0.80 ± 0.10	0.437 ± 0.039 11.10 ± 1.00	1.378 ± 0.118 35.00 ± 3.00	inches mm
CB7, MCB7	1.378 ± 0.059 35.00 ± 1.50	0.374 ± 0.039 9.50 ± 1.00	0.374 ± 0.039 9.50 ± 1.00	0.031 ± 0.004 0.80 ± 0.10	0.500 ± 0.039 12.70 ± 1.00	1.378 ± 0.118 35.00 ± 3.00	inches mm
CB10, MCB10	1.890 ± 0.059 48.00 ± 1.50	0.374 ± 0.039 9.50 ± 1.00	0.374 ± 0.039 9.50 ± 1.00	0.031 ± 0.004 0.80 ± 0.10	0.500 ± 0.039 12.70 ± 1.00	1.378 ± 0.118 35.00 ± 3.00	inches mm
CB15, MCB15	1.890 ± 0.059 48.00 ± 1.50	0.512 ± 0.047 13.00 ± 1.20	0.512 ± 0.047 13.00 ± 1.20	0.031 ± 0.004 0.80 ± 0.10	0.626 ± 0.039 15.90 ± 1.00	1.378 ± 0.118 35.00 ± 3.00	inches mm

Performance Characteristics	
Test	Test Results
Moisture Resistance	± 5%
Thermal Shock	± 2%
Load Life @ 70°C - 1,000 hrs.	± 5%
Resistance to Soldering Heat	± 2%
Short Time Overload - 5xPn for 5sec	± 2%
Dielectric Withstanding Voltage	± 2%

Operating Temperature Range: -55°C to +155°C for MCB, -55°C to +275°C for CB

**Power Derating Curve:**



**How to Order**

1	2	3	4	5	6	7	8	9
<b>C</b>	<b>B</b>	<b>2</b>	<b>J</b>	<b>B</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>R</b>

Product Series		Code	Power	Tolerance		Packaging			Resistance Value
CB	Standard	2	2W	Code	Tol	Code	Description	Size	Quantity
MCB		3	3W	J	5%	B	Bulk	2, 3, 5	750
CBF	With standoff	5	5W	K	10%			7, 10, 15	250
MCBF		7	7W						
		10	10W						
		15	15W						

Resistance Value
For characters with "L" used as multiplier of 10 <sup>-3</sup> for any value under 0.1 ohm
0.056 ohm = 56L0
0.1 ohm = R100
33 ohm = 33R0
3.32 Kohm = 3K32