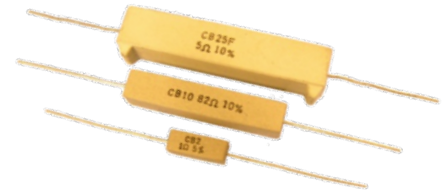
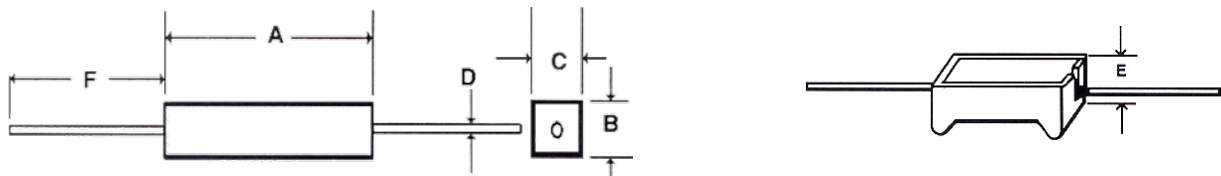


- Features:
- Fireproof power wirewound
 - High thermal conductivity
 - Standoffs may be available (CBF, MCBF). Contact factory for details.
 - RoHS compliant / lead-free



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	0.51 - 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

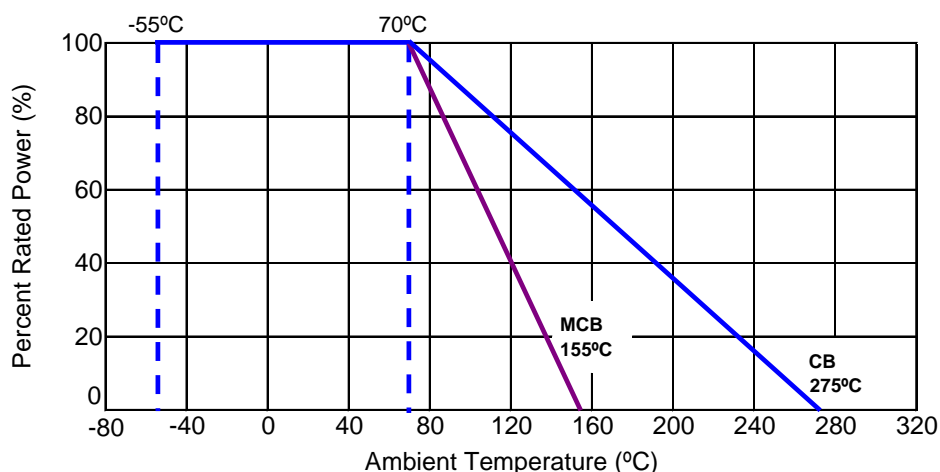


Mechanical Specifications							
Type / Code	A Body Length	B Height	C Width	D Lead Diameter	E (CBF, MCBF only)	F Lead Length	Unit
CB2	0.709 ± 0.047 18.00 ± 1.20	0.252 ± 0.047 6.40 ± 1.20	0.252 ± 0.047 6.40 ± 1.20	0.031 ± 0.004 0.80 ± 0.10	0.299 ± 0.039 7.60 ± 1.00	1.000 min. 25.40 min.	inches mm
CB3, 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	1.000 min. 25.40 min.	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	1.000 min. 25.40 min.	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	1.000 min. 25.40 min.	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	1.000 min. 25.40 min.	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	1.000 min. 25.40 min.	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
C	B	2	J	B	1	0	0	R

Product Series		Code	Power	Tolerance		Packaging			Resistance Value	
CB	Standard	2	2W	Code	Tol	Code	Description	Size	Quantity	For characters with "L" used as multiplier of 10 ⁻³ for any value under 0.1 ohm 0.056 ohm = 56L0 0.1 ohm = R100 33 ohm = 33R0 3.32 Kohm = 3K32
MCB		3	3W	J	5%	B	Bulk	CB2, CB5, MCB5	1500	
CBF	With standoff	5	5W	K	10%			CB3, CB7, CB10, CB15, MCB3, MCB7, MCB10, MCB15	1000	
MCBF		7	7W							
		10	10W							
		15	15W							