

Features:

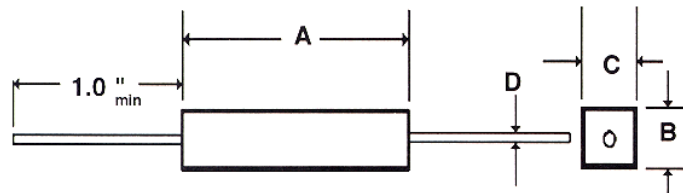
- Fireproof construction
- Low temperature coefficient
- Low resistance value ceramic encased resistor
- All welded termination
- RoHS compliant / lead-free
- Formed leads possible on some sizes – contact factory
- See CB datasheet for performance and environmental specifications



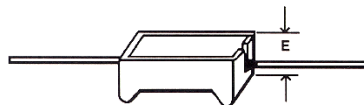
Electrical Specifications					
Type / Code	Power Rating (Watts) @ 70°C	Resistance Temperature Coefficient(1)	Ohmic Range (Ω) and Tolerance		
			1%	5%	10%
LCBF2	2W	±200 ppm/°C	-	0.05 - 0.33	-
LCB3	3W	±50 to ±400 ppm/°C	0.005 - 0.1	0.005 - 0.1	0.005 - 0.1
LCB5	5W	±50 to ±400 ppm/°C	0.005 - 0.1	0.005 - 0.1	0.005 - 0.1
LCB7	7W	±50 to ±400 ppm/°C	0.01 - 0.15	0.01 - 0.15	0.01 - 0.15
LCB10	10W	±50 to ±400 ppm/°C	0.01 - 0.2	0.01 - 0.2	0.01 - 0.2
LCB15	15W	±50 to ±400 ppm/°C	0.01 - 0.2	0.01 - 0.2	0.01 - 0.2

(1) TCR is value dependent. Please contact factory for specific data.

Resistance measured 3/8" from the body



Alternate Configuration Series LCBF:



Mechanical Specifications						
Type / Code	A	B	C	D	E (LCBF only)	Unit
LCBF2	0.71 ± 0.04	0.16 ± 0.02	0.28 ± 0.02	0.03 ± 0.002	0.20 ± 0.04 -0.02	inches
	18.00 ± 1.00	4.00 ± 0.50	7.00 ± 0.50	0.80 ± 0.05	5.00 ± 1.00 -0.5	mm
LCB3	0.87 ± 0.03	0.31 ± 0.03	0.31 ± 0.03	0.03 ± 0.002	0.37 ± 0.03	inches
	22.20 ± 0.80	7.90 ± 0.80	7.90 ± 0.80	0.81 ± 0.05	9.50 ± 0.80	mm
LCB5	0.87 ± 0.03	0.37 ± 0.03	0.37 ± 0.03	0.03 ± 0.002	0.44 ± 0.03	inches
	22.20 ± 0.80	9.50 ± 0.80	9.50 ± 0.80	0.81 ± 0.05	11.10 ± 0.80	mm
LCB7	1.40 ± 0.03	0.37 ± 0.03	0.37 ± 0.03	0.04 ± 0.002	0.50 ± 0.03	inches
	35.60 ± 0.80	9.50 ± 0.80	9.50 ± 0.80	0.91 ± 0.05	12.70 ± 0.80	mm
LCB10	1.87 ± 0.03	0.37 ± 0.03	0.37 ± 0.03	0.04 ± 0.002	0.50 ± 0.03	inches
	47.60 ± 0.80	9.50 ± 0.80	9.50 ± 0.80	0.91 ± 0.05	12.70 ± 0.80	mm
LCB15	1.87 ± 0.03	0.50 ± 0.03	0.50 ± 0.03	0.04 ± 0.002	0.63 ± 0.03	inches
	47.60 ± 0.80	12.70 ± 0.80	12.70 ± 0.80	0.91 ± 0.05	15.90 ± 0.80	mm

How to Order

1	2	3	4	5	6	7	8	9	10
L	C	B	3	J	B	R	1	0	0

Product Series	Size	Power Rating	Tolerance	Code	Description	Size	Quantity	Resistance Value
LCB	2	2W	F	1%	B	LCBF2	2,000	Four characters with the multiplier used as the decimal holder.
LCBF	3	3W	J	5%		LCB3, LCB5	750	"L" used as multiplier of 10 ⁻³ for any value under 0.1 ohm.
	5	5W	K	10%		LCB7, LCB10, LCB15	250	0.005 ohm = 5L00
	7	7W						0.01 ohm = 10L0
	10	10W						0.1 ohm = R100
	15	15W						

Legacy Part Number (before January 3, 2011):

SEI Type	Code	Nominal Resistance	Tolerance	Packaging
LCB	3	0.1	5%	B

Type	Description	Code	Wattage	Tolerance	Types	Qty	Description	Code
LCB	Standard	2	2W	1%	LCBF2	2,000	Bulk	B
LCBF	With Standoff	3	3W	5%	LCB3, LCB5	750		
		5	5W	10%	LCB7, LCB10, LCB15	250		
		7	7W					
		10	10W					
		15	15W					