

LCB Series — Ceramic Housed for Current Sensing - 2 Leads



Features

- Fireproof construction
- Low temperature coefficient
- Low resistance value ceramic encased resistor
- All welded termination
- RoHS compliant / lead-free

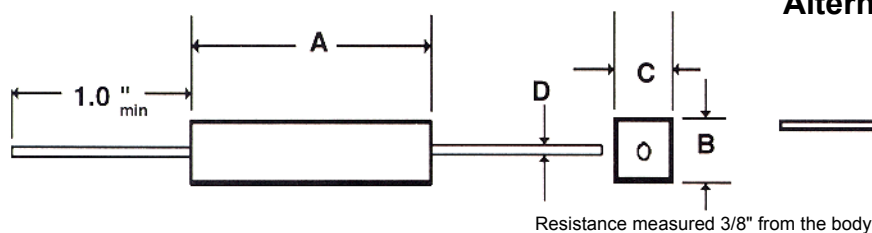
See CB data sheet for performance and environmental specifications



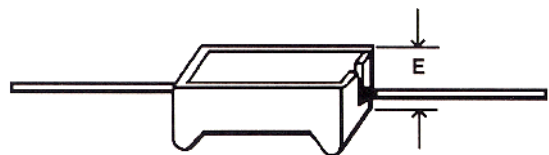
Electrical Specifications

Type / Code	Power Rating (Watts) @ 70°C	Resistance Temperature Coefficient*	Ohmic Range and Tolerance
			1%, 5%, 10%
LCB 3	3W	±50 to ±400 ppm/°C	0.005Ω – 0.10Ω
LCB 5	5W	±50 to ±400 ppm/°C	0.005Ω – 0.10Ω
LCB 7	7W	±50 to ±400 ppm/°C	0.010Ω – 0.15Ω
LCB 10	10W	±50 to ±400 ppm/°C	0.010Ω – 0.20Ω
LCB 15	15W	±50 to ±400 ppm/°C	0.010Ω – 0.20Ω

*TCR is value dependent. Please contact factory for specific data



Alternate Configuration Series LCBF



Mechanical Specifications

Type	A	B	C	D	E	Units
Tolerance	±0.031	±0.031	±0.031	±0.031	±0.031	inches
	±0.8	±0.8	±0.8	±0.8	±0.8	mm
LCB 3	0.875 22.2	0.312 7.9	0.312 7.9	0.032 0.81	0.375 9.5	inches mm
LCB 5	0.875 22.2	0.375 9.5	0.375 9.5	0.032 0.81	0.437 11.1	inches mm
LCB 7	1.400 35.6	0.375 9.5	0.375 9.5	0.036 0.91	0.500 12.7	inches mm
LCB 10	1.875 47.6	0.375 9.5	0.375 9.5	0.036 0.91	0.500 12.7	inches mm
LCB 15	1.875 47.6	0.500 12.7	0.500 12.7	0.036 0.91	0.625 15.9	inches mm

How to Order

LCB		3		0.1		5%		B		
SEI Type		Code		Nominal Resistance		Tolerance		Packaging		
Type	Description	Code	Wattage	Tolerance		SEI Type		Pkg Qty	Description	Code
LCB	Standard	3	3W	1%		LCB 3, LCB 5		750	Bulk	B
LCBF	With Standoff	5	5W	5%		LCB 7, LCB 10, LCB 15		250		
		7	7W	10%						
		10	10W							
		15	15W							