

**FEATURES**

- NTC thermister

**APPLICATIONS**

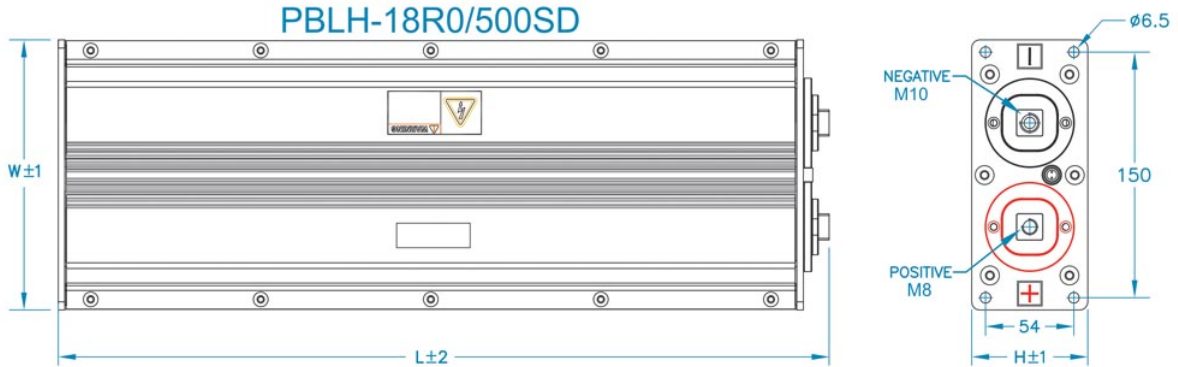
- Peak power handling
- Bridge power
- Industrial
- Telecommunication
- Military
- Mobility



**GENERAL SPECIFICATIONS**

Item	Performance
Operating temperature	-40°C to +65°C
Storage temperature	-40°C to +70°C
Capacitance	500F
Rated voltage	18 VDC
Temperature characteristics	Capacitance change: Within $\pm 5\%$ of initial measured value at +25°C (-40°C to +85°C) Internal resistance: Within $\pm 150\%$ of initial measured value at +25°C (at -40°C)
Endurance (At rated voltage & max. operating temp)	After 1500 hours, the capacitor shall meet the following limits: Capacitance change: $\pm 20\%$ of initial rated value Internal resistance: Within 100% of initial specified value
Projected Load life (At rated voltage & 25°C)	After 10 years: Capacitance change: Within $\pm 20\%$ of initial rated value Internal resistance: Within 100% of initial specified value
Projected cycle life (From rated voltage to 1/2 rated voltage at 25°C)	After 1,000,000 cycles: Capacitance change: Within $\pm 20\%$ of initial rated value Internal resistance: Within 100% of initial specified value
Shelf life	After 4 years at 25°C without load, the capacitor shall meet the specified endurance limits.

**DIMENSIONS**



**STANDARD PRODUCTS**

Part Number	Nom. Cap. (F)	ESR DC (mΩ)	Leakage Current (mA) (72 hrs @ 25C)	Dimensions (mm)			Max Current (A)	Weight/Unit (Kg)
				L	W	H		
PBLH-18R0/500SD	500	1.7	7	470	166	70	2400	5.9