

FEATURES

- Over 500,000 duty cycles
- Extremely low ESR
- 10 year life capability
- Higher energy vs. electrolytic
- Higher power vs. batteries
- UL recognized
- RoHS compliant
- Halogen free
- Snap-In Termination



APPLICATIONS

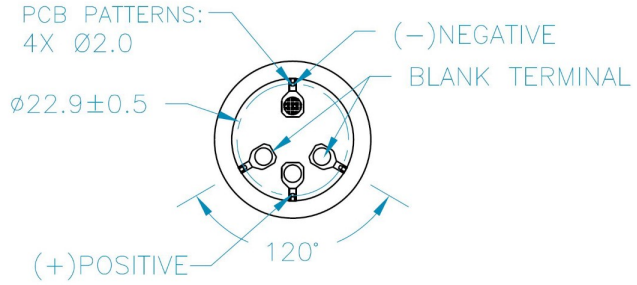
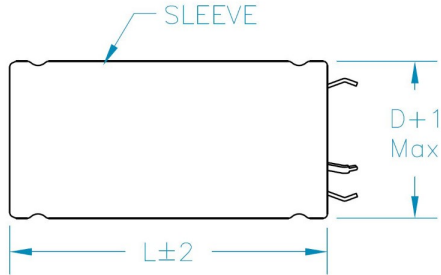
- Peak power handling
- Industrial automation
- UPS/voltage hold up

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GENERAL SPECIFICATIONS

Item	Performance
Operating temperature	-40°C to +65°C @ 2.7V -40°C to +85°C @ 2.3V
Storage temperature	-40°C to +70°C
Capacitance	480F
Rated voltage	2.7 VDC / 2.3 VDC
Surge voltage	2.85 VDC
Temperature characteristics	Capacitance change: Within ±5% of initial measured value at +25°C (-40°C to +65°C) Internal resistance: Within ±50% of initial measured value at +25°C (at -40°C)
Endurance (At rated voltage & max. operating temp)	After 1500 hours: Capacitance change: Within ±20% of initial rated value Internal resistance: Within 2 times of initial specified value
Projected Load life (At rated voltage & 25°C)	10 years: Capacitance change: Within ±20% of initial rated value Internal resistance: Within 2 times of initial specified value
Projected cycle life (From rated voltage to 1/2 rated voltage at 25°C)	500,000 cycles: Capacitance change: Within ±20% of initial rated value Internal resistance: Within 2 times 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)	GMV (F)*	ESR DC (mΩ)	ESR AC (mΩ)	Leakage Current (mA) (72 hrs @ 25C)	Dimensions (mm)		Rated Current (A)	Weight/Unit (grams)
						D	L		
TPLH-2R7/480PS35X61	480	456	3	2.5	1.3	35	61	266	72

*NOTE: GMV = Guaranteed Minimum Value.