TYPE TPLH SNAP-IN 2.7V

ELECTRIC DOUBLE LAYER SNAP-IN ULTRACAPACITOR

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

GENERAL SPECIFICATIONS

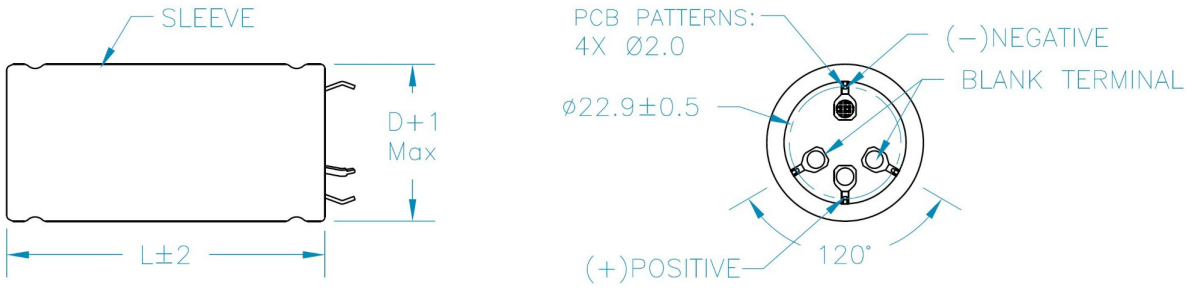
Item	Performance
Operating temperature	-40°C to +65°C @ 2.7V -40°C to +85°C @ 2.3V
Storage temperature	-40°C to +70°C
Capacitance	800F
Rated voltage	2.7 VDC / 2.3 VDC
Surge voltage	2.85 VDC
Temperature characteristics	Capacitance change: Within ±5% of initial measured value at +25°C (-40°C to +65°C) 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.

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Spec. Date: 2023-08-21 11:32:17

DIMENSIONS



STANDARD PRODUCTS

Part Number	Nom. Cap. (F)	GMV (F)*	ESR DC (m?)	ESR AC (mΩ)	Leakage Current (mA) (72 hrs @ 25C)	Dimensions (mm)		Rated Current (A)	Weight/Unit (grams)
						D	L		
TPLH-2R7/800PS35X71	800	760	3	2.8	1.7	35	71	318	95

*NOTE: GMV = Guaranteed Minimum Value.

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Tecate:

SCAP,PBLS-1.0/27 TPLC-3R8/200MR16X25 TPLC-3R8/70MR10X25 TPLH-2R7/3000SL60138 SCAP,PBLS-3.5/21.6 TPLC-3R8/10MR8X14 TPLH-2R7/25WR12X35 TPLH-3R0/12WR10X30 SCAP,PBLL-5.0/5.4 SCAP,PBLS-1.66/16.2 SCAP,PBLS-9.0/13.5 TPLC-3R8/220MR16X25 TPLH-2R7/2000SL60102 TPLH-3R0/3000SL60138 TPLH-3R0/400SS35X66 PBLH-12R0/100ST TPL-8.0/10X25F TPLC-3R8/25MR10X16 TPLC-3R8/30MR10X16 TPLH-3R0/450SS35X71 TPLH-3R0/60WR18X40 SCAP,PBLL-15.0/5.4 SCAP,PBLS-2.33/32.4 TPLH-2R7/44WR12X46 TPL-10/10X30F TPL-11/10X30F TPLH-2R7/22WR12X31 TPLH-3R0/25WR16X26 SCAP,PBLS-2.0/13.5 TPL-1.2/6X15F