

## DH Threaded Terminal Type, High Power Density Type

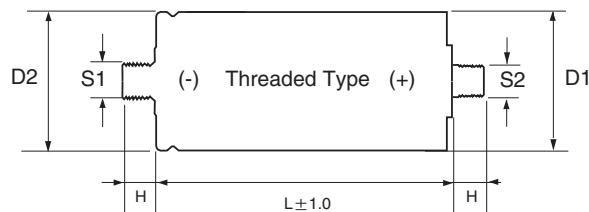
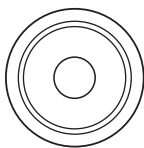
- High Power Density
- Rapid charge and discharge
- Ultra-low internal resistance



Item	Characteristics	
Operating temperature range	-40 ~ +65°C	
Rated Voltage	2.7 VDC	
Capacitance tolerance	0% ~ +20%	
Temperature characteristics	Capacitance change	Within $\pm 5\%$ of initial value at +20°C
	Internal resistance	Within 150% of initial value at +20°C
Endurance (65°C)	Test time	1500 hours
	Capacitance change	Within $\pm 30\%$ of initial specified value
	Internal resistance	Less than 100% of initial specified value
Shelf life (70°C)	After 1500 hours no load test same as endurance	
Life Time at RT <sup>(1)</sup>	10 years	(1) $I \Delta C < 30\%$ and $\Delta ESR < 200\%$ of initially specified value, respectively and $LC < \text{specified value}$
Cycle Life (25°C) <sup>(1)(2)</sup>	500,000 cycles	(2) Cycle : between rated voltage and half rated voltage under constant current at 25°C

### ● DRAWING

Unit : mm



Size(mm)		
H	D1	D2
( $\pm 0.2$ )	( $\pm 0.2$ )	( $\pm 0.5$ )
13.0	$\varnothing 60.4$	$\varnothing 60.7$

Terminal Configurations		
Code	S1	S2
TH 100	M12 $\times$ 1.75	M12 $\times$ 1.75

### ● CHARACTERISTIC LIST & DIMENSIONS

Rated Voltage	Capacitance (F)	ESR, 1KHz (m $\Omega$ )	ESR, DC (m $\Omega$ )	LC (72hr) (mA)	Max Continuous Current(A)	Max Peak Current(A)	Specific Energy		Weight (g)	Volume (ml)	Dimension $\varnothing D \times L$ (mm)
							(Wh/kg)	(Wh/L)			
2.7	1200	0.35	0.50	2.7	63	955	4.05	5.73	300	212	60.4 $\times$ 74
	1600	0.30	0.45	3.0	85	1233	4.84	6.65	335	244	60.4 $\times$ 85
	2000	0.25	0.35	4.2	106	1588	5.13	6.93	395	292	60.4 $\times$ 102
	3000	0.20	0.28	5.2	150	1975	5.79	7.68	525	395	60.4 $\times$ 138