

LTR Series 4 Terminals Snap-in Type 85°C 四端子基板型大電容品

Features

- Highly capacitors values and compact size.
- Two vent construction.
- 4 snap-in terminals for printed circuit board mounting.

Specifications

No	Item	Performance Characteristics									
1	使用温度範圍 Operating Temperature Range	-40 to +85℃					-25 ~ +85℃				
2	定格電壓範圍 Rated working Voltage Range	16 ~ 100 VDC					160 ~ 450 VDC				
3	靜電容量許差 Capacitance Range	4700 ~ 82 000 μ F					330 ~ 3300 μ F				
4	靜電容量範圍 Capacitance Tolerance	±20%(120Hz, +20℃)									
5	漏電電流 Leakage Current(+20℃, max)	I ≤0.02CV After 5 minutes									
6	損失角 Dissipation Factor(tan δ)	Less than the value under table (%)									
		WVDC	16	25	35	50	63	80	100	160~250	
		φ 35 D.F. (%)max	45	40	35	30	25	25	20	15	
		φ 40 D.F. (%)max	50	45	40	35	30	25	20	15	
(+20℃, at 120 Hz)											
7	溫度特性 Low Temperature Characteristics (120Hz)	Impedance ratio at max.									
		Working voltage (VDC)	16	25	35~100	160~250	400~450				
		Z-25℃/Z20℃	5	3	3	7	15				
8	高溫負荷特性 Load Lifre	Test conditions Duration time :2000Hrs Ambient temperature :+85℃ Applied voltage :Rated DC working voltage After test requirements at +20℃ Capacitance change :≤ ±20% of the initial measured value Dissipation factor :≤ 175% of the initial specified value Leakage current :≤ The initial specified value									
9	高溫無負荷特性 Shelf Lifre	Test conditions Duration time :1000Hrs Ambient temperature :+85℃ Applied voltage :None After test requirements at +20℃ : Same limits as Load life. Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.									

Multiplier for Ripple Current vs. Frequency

CAP(μ F)\Hz	50(60)	120	400	1K	10K	50K-100k
Multiplier						
10<CAP $\leq$ 100	0.8	1	1.23	1.36	1.48	1.53
100<CAP $\leq$ 1000	0.8	1	1.16	1.25	1.35	1.38
1000<CAP	0.8	1	1.11	1.17	1.25	1.28

Multiplier for Ripple Current vs. Temperature

Temperature°C	45	60	70	85
Multiplier	1.55	1.30	1.20	1.00