

FEATURES

- Wide temperature range (-25°C ~ +105°C).
- Very Long life 8,000 - 10,000 hours @ 105°C
Designed FoR Ballast And Lighting Applications
- Safety Vent Construction
RoHs COMPLIANT

PART NUMBERING

Part Number Example: 728L-250/100M10X16F							
728L	-	250	/	100	M	10X16	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant
* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).							

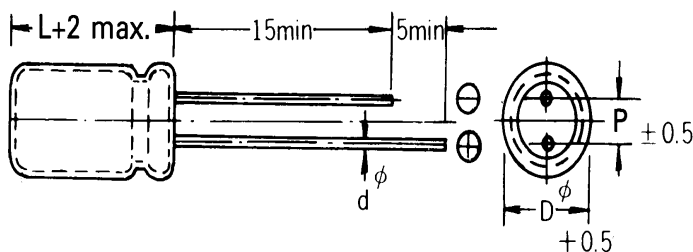
SPECIFICATIONS

Capacitance Range	1.0~3,30 μF						
Operating Temperature Range	-25°C ~ 105°C.						
Voltage Range	160-450VDC						
Capacitance Tolerance @ 20°C, 120Hz	±20%.						
Maximum Leakage Current (20°C) (after 1 minute @ rated voltage)	0.04CV + 100 μA,						
DF @ 120Hz 20° C	Working voltage	160	200	250	350	400	450
	DF % max	10	10	10	12	12	12
Low Temperature Characteristics (120Hz)	Working volts	160	200	250	350	400	450
	Z -25°C~+20°C	3	3	3	6	6	6
Load Life (@ 105°C) D <8mm 6,000 hrs D ≥10mm 8,000 hrs	Capacitance Change	Within ±20% of initial value					
	Dissipation Factor	≤200% of initial specified value.					
	Leakage Current	Initial specified value.					
Shelf Life (105°C) After 1,000 hrs with no voltage applie	Capacitance Change	Within ±20% of initial value.					
	Dissipation Factor	≤200% of initial specified value.					
	Leakage Current	Initial specified value.					

MULTIPLIER FOR RIPPLE CURRENT VS FREQ.

FREQ. (Hz)	120	1K	10K	>100K
Multiplier	1.0	1.5	1.7	1.9

DIMENSIONS



Vinyl Sleeve

DIMENSIONS (UNIT: mm)

D	8	10	13	16	18
P	3.5	5.0	5.0	7.5	7.5
dØ	0.5	0.6	0.8		

CA P. (μF)	160 vdc		200 vdc		250 vdc		350 vdc		400 vdc		450 vdc	
	SIZE	RIPPL E	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE
1							8X11.5	80	10X12.5	85	10X12.5	90
2.2					8X11.5	80	10X12.5	85	10X12.5	90	10X12.5	95
3.3					10X12.5	105	10X12.5	90	10X16	100	10X16	110
4.7					10X12.5	110	10X16	105	10X20	115	10X20	125
6.8			10X12.5	105	10X16	140	10X16	115	10X20	125	10X20	135
10	10X16	125	10X16	125	13X20	200	10X20	150	13X20	170	13X20	185
22	10X20	200	10X20	200	13X20	320	13X20	260	13X25	270	16X21	290
33	10X20	250	13X20	260	13X25	390	13X25	360	16X25	370	16X25	390
47	13X20	300	13X20	390	16X25	520	16X25	430	16X31.5	470	18X31.5	480
68	13X20	470	16X21	470	16X31.5	680	18X25	560	18X31.5	580	18X41	630
100	16X21	580	16X25	630	16X35.5	860	18X35.5	700	18X41	790	18X45	850
150	16X25	690	18X25	840	18X45	1130						
220	18X31.5	980	18X35.5	1050								
330	18X35.5	1250										

RIPPLE CURRENT (mA) @ 105°C 120HZ