

## FEATURES

- Wide temperature range (-25°C ~ +105°C).
- Long life 6,000 -8,000 hours @ 105°C  
Designed FoR Ballast And Lighting Applications
- Safety Vent Construction  
RoHs COMPLIANT



## PART NUMBERING

Part Number Example: 728B-250/100M10X16F							
728B	-	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).

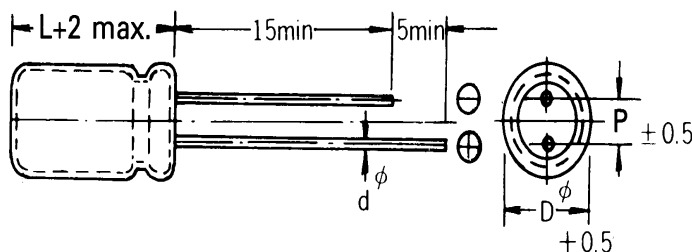
## SPECIFICATIONS

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	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE
1							8X11.5	75	8X11.5	65	8X11.5	85
2.2					8X11.5	70	8X11.5	80	8X11.5	85	10X12.5	90
3.3					8X11.5	75	10X12.5	85	10X12.5	95	10X16	105
4.7			8X11.5	80	10X12.5	100	10X12.5	100	10X16	110	10X16	115
6.8			8X11.5	100	10X12.5	105	10X16	110	10X16	115	10X20	125
10	10X12.5	105	10X12.5	115	10X16	130	10X20	140	10X20	160	13X20	175
22	10X16	170	10X16	170	10X20	190	13X20	245	13X20	230	16X21	275
33	10X20	235	10X20	245	13X20	305	13X25	340	13X25	310	16X25	370
47	13X20	285	13X20	370	13X25	370	16X25	410	16X31.5	445	18X25	455
68	13X20	445	13X25	425	16X25	495	18X25	530	18X31.5	550	18X31.5	600
100	16X21	550	16X25	600	16X31.5	645	18X35.5	665	18X41	750		
150	16X25	655	16X31.5	825	18X31.5	775						
220	18X31.5	875	18X31.5	1000								
330	18X35.5	1190										

RIPPLE CURRENT (mA) @ 105°C 120HZ