

FEATURES

- Temperature range (-25°C ~ +105°C).
- Long life (5,000 hours @ 105°C)
- For switching Pwr Supplies, Ballasts & Measuring Instruments
- RoHs COMPLIANT

PART NUMBERING

Part Number Example: 725R-160/470M13X20F							
725R	-	160	/	470	M	13X20	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

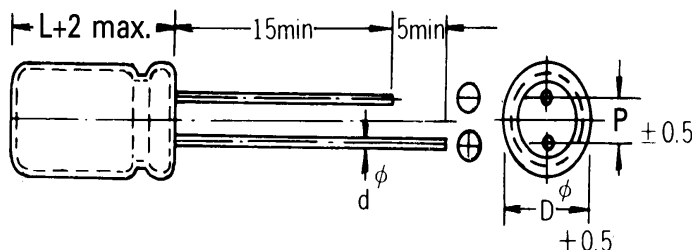
* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).

SPECIFICATIONS

Operating Temperature Range	-25°C ~ +105°C						
Rated Voltage Range	160 ~ 450vdc						
Capacitance Range	10 ~ 220μF						
Capacitance Tolerance	±20% (120Hz 20°C)						
Leakage Current Max	I = 0.04 CV + 100μA after 1 minute @ rated voltage						
DF (%) @ +20°C 120Hz max	Working Voltage vdc	160	200	250	350	400	450
	DF (%)	12	12	12	15	15	17
Low Temperature Characteristics Impedance Ratio Max @ 120Hz	Working Voltage vdc	160	200	250	350	400	450
	Z-25°C / Z+20°C	3	3	3	6	6	6
Load Life 5,000Hrs @ 105°C and rated voltage	Cap change	≤ ±20% of Initial measured value					
	DF	≤ 200% of Initial measured value					
	Leakage current	≤ Initial measured value					
Shelf Life 1,000Hrs @ 105°C	Cap change	≤ ±20% of Initial measured value					
	DF	≤ 200% of Initial measured value					
	Leakage current	≤ Initial measured value					

MULTIPLIER FOR RIPPLE CURRENT VS FREQ.

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



Vinyl Sleeve

DIMENSIONS (UNIT: mm)

Diam	10	13	16	18	22
F	5.0	5.0	7.5	7.5	10
Φ	0.6		0.8		

CAP. (μ F)	160 vdc Surge 200v		200 vdc Surge 250v		250 vdc Surge 300v		350 vdc Surge 400v		400 vdc Surge 450v		450 vdc Surge 500v	
	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE	SIZE	RIPPLE
10	10X16	115	10X20	210	10X20	200	13X20	180	13X20	200	13X25	130
22	10X20	195	10X20	255	13X20	350	13X20	250	13X25	320	16X25	170
33	13X20	250	13X20	350	13X25	400	16X21	320	16X25	350	16X31.5	215
47	13X20	300	13X20	490	13X25	500	16X31.5	440	16X31.5	450		
68	13X25	390	13X25	530	16X25	600	16X35.5	450				
100	16X25	560	16X25	810	18X31.5	660						
220	16X31.5	730	18X31.5	970	22X41	750						