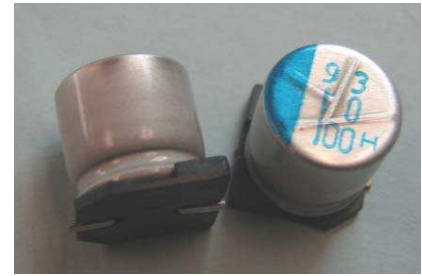


FEATURES

- SUPER LOW ESR AT HIGH FREQUENCY
- WIDE TEMPERATURE RANGE TO + 125°C
- 2,000 HOUR MINIMUM LIFE
- VERY HIGH RIPPLE CURRENT
- SOLVENT RESISTANT

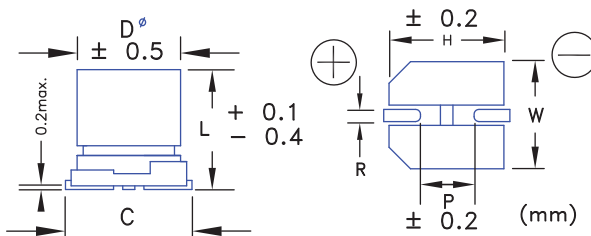


PART NUMBERING

Part Number Example: MXCPB-016/101M10X10.5 TR 13 F G										
MXCPB	-	016	/	101	M	10X10.5	TR	13	F	G
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	Package Code**	Reel Size	RoHs Compliant	pb Free
* Capacitance Code: First two digits represent significant figure, third digit represents multiplier (number of zeros).										
** Package Code: TR = Tape & Reel.										

SPECIFICATIONS

ITEMS		CHARACTERISTICS			
VOLTAGE RANGE			6.3	10	16
SURGE VOLTAGE		ROOM TEMPERATURE	8	13	20
TEMPERATURE RANGE			-55 ~ +125°C		
CAPACITANCE RANGE			22~560μF		
CAPACITANCE TOLERANCE		@ 120Hz 20°C	M (+20%)		
DISSIPATION FACTOR %		@ 120Hz 20°C	18	16	14
DC LEAKAGE CURRENT		(μA) AFTER 2 MINUTES	0.2 CV OR 100, WHICHEVER IS GREATER		
TEMPERATURE CHARACTERISTICS IMPEDANCE RATIO	@ 120Hz & 20°C	-55°C	Z/Z 20°C	1 TO 2.5	
		125°C	Z/Z 20°C	0.6 TO 1.0	
LOAD LIFE	@ 125°C RATED VOLTAGE AND RATED RIPPLE CURRENT	TEST	2000HRS		
		ΔC/C	WITHIN +30% OF INITIAL MEASURED VALUE		
		DF	LESS THAN 200% OF SPECIFIED VALUE		
		ESR	LESS THAN 200% OF SPECIFIED VALUE		
		LC	LESS THAN SPECIFIED VALUE		



SIZE	DIA.	L	W +0.2	H	C +0.2	R	P
8X10.5	8	10.5	8.3	8.3	9	0.7~1.0	3.2
10X10.5	10	10.5	10.3	10.3	11	1.0~1.4	4.6

STANDARD PRODUCT TABLE (dØ X L(mm)), ESR & RIPPLE CURRENT

(µF)	6.3VDC			10VDC			16VDC		
22							8X10.5	28	1380
33							8X10.5	26	1380
47							8X10.5	24	1380
68							8X10.5	22	1380
100				8X10.5	20	1680	10X10.5	19	1850
220				8X10.5	18	1680			
390	8X10.5	17	1780	10X10.5	17	2060			
470	10X10.5	16	2190						
560	10X10.5	16	2190						

ESR m Ω @ 100KHz 20°C
RIPPLE CURRENT mA @ 100KHz 125°C