

FEATURES

- LOW PROFILE 4.5mm HEIGHT
- WIDE TEMPERATURE RANGE
- LIFE UP TO 1000 HRS.
- DESIGNED FOR AUTOMATIC MOUNTING
- SOLVENT RESISTANT



PART NUMBERING

Part Number Example: MXWE-025/100M5X4TR13FG										
MXWE	-	025	/	100	M	5X4	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

Performance Characteristics							
Operating Temperature Range	-40°C ~ +105°C.						
Voltage Range	6.3VDC ~ 50VDC.						
Capacitance Range	0.47μF ~ 100μF.						
Capacitance Tolerance	±20%.						
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	6.3	10	16	25	35	50
	DF%	35	28	20	16	14	12
Maximum Leakage Current (20°C) (after 2 minutes)	0.01CV.						
Load Life Test (105°C, 1000 hours)	Capacitance Change	Within ±25% of initial measured value.					
	DF%	Less than 300% of specified value.					
	Leakage Current	Within maximum specified value.					

STANDARD PRODUCT TABLE (dØ X L(mm))

Cap. (μF)	WVDC					
	6.3	10	16	25	35	50
0.47						4 x 4.5
1.0						4 x 4.5
2.2						4 x 4.5
3.3						4 x 4.5
4.7				4 x 4.5	4 x 4.5	5 x 4.5
10			4 x 4.5	5 x 4.5	5 x 4.5	6.3 x 4.5
22	4 x 4.5	5 x 4.5	5 x 4.5	6.3 x 4.5	6.3 x 4.5	
33	5 x 4.5	5 x 4.5	6.3 x 4.5	6.3 x 4.5		
47	5 x 4.5	6.3 x 4.5	6.3 x 4.5	6.3 x 4.5		
100	6.3 x 4.5	6.3 x 4.5				

MAXIMUM RIPPLE (mA rms @ 120Hz & 105°C)

Cap. (µF)	WVDC					
	6.3	10	16	25	35	50
0.47						2.8
1.0						5.9
2.2						9.8
3.3						12
4.7				12	13	15
10			17	19	21	24
22	20	24	26	33	35	
33	26	29	36	40		
47	32	38	43	44		
100	49	52				

DIMENSIONS

SIZE D X L	D +0.5	L MAX	W ± 0.2	C ± 0.2	R	P ± 0.2
4 X 4.5	4	4.6	4.3	5	0.5~0.8	1.1
5 X 4.5	5	4.6	5.3	6	0.5~0.8	1.4
6.3 X 4.5	6.3	4.6	6.6	7.3	0.5~0.8	2.2

