FEATURES

- Wide temperature range.
- Small sizes.
- Long life 3000 hours.
- Designed for automatic mounting.
- Solvent resistant.

PART NUMBERING

Part Number Example: MXWX-025/101M8X10TR13F									
MXWX	-	025	/	101	M	8X10	TR	13	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	Package Code**	Reel Size	RoHs Compliant
* Capacitance Code: First two digits represent significant figure, third digit represents multiplier (number of zeros).									
** Package Code: TR = Tape & Reel.									

SPECIFICATIONS

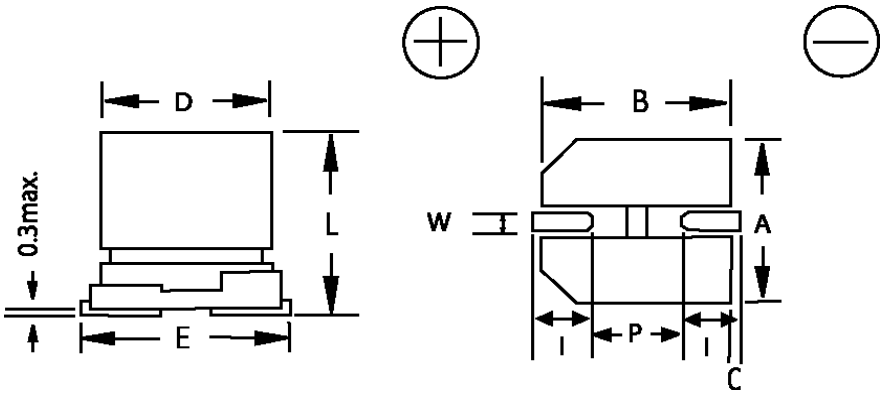
Performance Characteristics								
Operating Temperature Range	-40°C ~ +105°C.							
Voltage Range	10VDC ~ 100VDC.							
Capacitance Range	0.47μF ~ 330μF.							
Capacitance Tolerance	±20%.							
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)		10	16	25	35	50	63	100
	DF %	4, 5, & 6.3 diameter		20	16	13	12		
		8 & 10 diameter	30	23	18	16	14	18	18
Maximum Leakage Current (20°C) (after 2 minutes)	0.01CV or 3μA, whichever is greater.							
Load Life Test (105°C, 3000 hours)	Capacitance Change		Within ±30% of initial measured value.					
	DF		Less than 300% of initial maximum specified value.					
	Leakage Current		Within initial maximum specified value.					

STANDARD PRODUCT TABLE (dØ X L(mm))

Capacitance (μF)	WVDC						
	10	16	25	35	50	63	100
0.47					4 x 5.8		
1.0					4 x 5.8		
2.2					4 x 5.8		
3.3					4 x 5.8		8 x 6.2
4.7			4 x 5.8	4 x 5.8	5 x 5.8		8 x 10.2
10		4 x 5.8	5 x 5.8	5 x 5.8	6.3 x 5.8	8 x 6.2	8 x 10.2
22		5 x 5.8	6.3 x 5.8	6.3 x 5.8	8 x 6.2	8 x 10.2	10 x 10.2
33			6.3 x 5.8	8 x 6.2	8 x 10.2	10 x 10.2	
47		6.3 x 5.8	8 x 6.2	8 x 10.2	10 x 10.2		
100	8 x 6.2	8 x 10.2	8 x 10.2	10 x 10.2			
220	8 x 10.2	10 x 10.2					
330	10 x 10.2						

DIMMENSIONS

Size D ±0.5 x L max	A&B ± 0.2	E Max.	I ± 0.1	P ± 0.2	W	C
4 x 5.8	4.3	5.5	1.8	1.0	0.65 ± 0.1	0.35 +0.15 -0.20
5 x 5.8	5.3	6.5	2.2	1.5	0.65 ± 0.1	0.35 +0.15 -0.20
6.3 x 5.8	6.6	7.8	2.6	1.8	0.65 ± 0.1	0.35 +0.15 -0.20
8 x 6.2	8.3	9.5	3.4	2.2	0.65 ± 0.1	0.35 +0.15 -0.2 0
8 x 10.2	8.3	10	3.4	3.2	0.9 ± 0.3	0.70 ± 0.3
10 x 10.2	10.3	12	3.5	5.0	0.9 ± 0.3	0.07 ± 0.3



IMPEDANCE @100KHz / RIPPLE CURRENT, AMPS

Capacitance (µF)	WVDC						
	10	16	25	35	50	63	100
0.47					12.0 / 0.005		
1.0					12.0 / 0.007		
2.2					12.0 / 0.012		
3.3					12.0 / 0.016		2.0 / 0.03
4.7			12 / 0.015	12.0 / 0.017	7.2 / 0.021		1.5 / 0.05
10			7.2 / 0.026	7.2 / 0.028	4.0 / 0.033	2.0 / 0.045	1.5 / 0.055
22		7.2 / 0.033	4.0 / 0.042	4.0 / 0.047	2.0 / 0.05	1.5 / 0.065	0.8 / 0.07
33		7.2 / 0.033	4.0 / 0.052	2.0 / 0.053	1.5 / 0.079	0.8 / 0.08	
47		4 / 0.055	2.0 / 0.053	1.5 / 0.078	0.8 / 0.094		
100	2.0 / 0.062	1.5 / 0.089	1.5 / 0.084	0.8 / 0.101			
220	1.5 / 0.093	0.8 / 0.113					
330	0.8 / 0.118						