

FEATURES

- LOW PROFILE 5.4mm HEIGHT
- BI-POLAR
- LIFE UP TO 500 HRS. X 2 ALT.
- DESIGNED FOR AUTOMATIC MOUNTING
- SOLVENT RESISTANT



PART NUMBERING

Part Number Example: MXNW-025/100M6X5TR13F									
MXNW	-	025	/	100	M	6X5	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			-55°C ~ +105°C.						
Voltage Range			6.3VDC ~ 63VDC.						
Capacitance Range			1μF ~ 47μF.						
Capacitance Tolerance			±20%.						
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)		6.3	10	16	25	35	50	63
	DF%		24	22	20	20	20	18	16
Maximum Leakage Current (20°C) (after 1 minutes)			0.03CV +6μA						
Load Life Test (105°C, 500 hours x2 alternately)	Capacitance Change		Within ±25% of initial measured value.						
	DF%		Less than 200% 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	63
1.0						4 x 5.4	4 x 5.4
2.2					4 x 5.4	5 x 5.4	5 x 5.4
3.3				4 x 5.4	5 x 5.4	5 x 5.4	6.3 x 5.4
4.7			4 x 5.4	5 x 5.4	5 x 5.4	6.3 x 5.4	6.3 x 5.4
10		4 x 5.4	5 x 5.4	6.3 x 5.4	6.3 x 5.4	6.3 x 5.4	
22	5 x 5.4	6.3 x 5.4	6.3 x 5.4				
33	6.3 x 5.4	6.3 x 5.4	6.3 x 5.4				
47	6.3 x 5.4						

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

Cap. (μF)	WVDC						
	6.3	10	16	25	35	50	63
1.0						7	7
2.2					5.9	10	10
3.3				7	12	13	13
4.7			8	13	14	16	16
10		12	17	20	21	18	
22	22	25	27				
33	27	30	40				
47	33						

DIMENSIONS (mm)

SIZE D X L	D +0.5	L MAX	W ±0.2	C ±0.2	R	P ±0.2
4 X 5.4	4	5.5	4.3	5	0.5~0.8	1.0
5 X 5.4	5	5.5	5.3	6	0.5~0.8	1.4
6.3 X 5.4	6.3	5.5	6.6	7.3	0.5~0.8	2.2

