

FEATURES

- Low profile 5.4mm height
- Bi-polar
- Life up to 1000 hrs.
- Designed for automatic mounting
- Solvent resistant



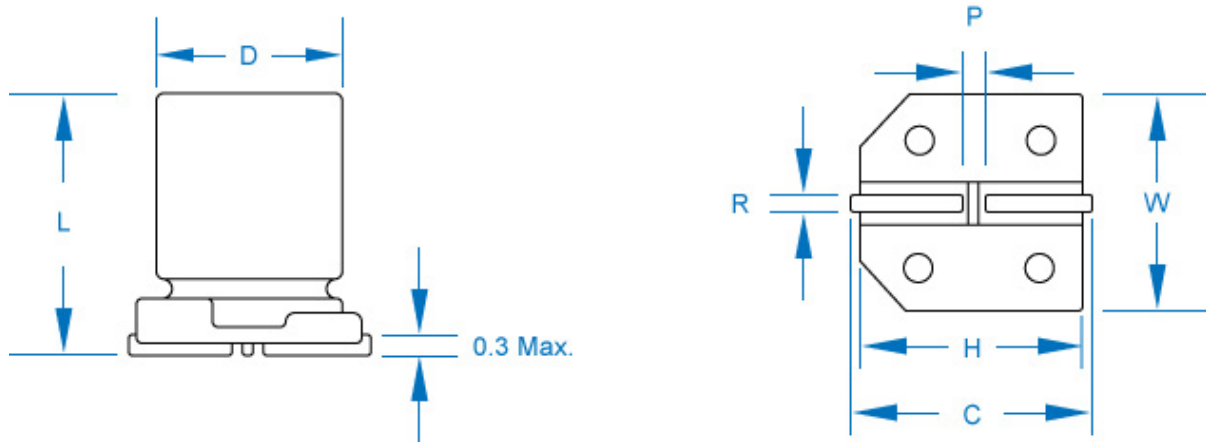
PART NUMBER EXAMPLE

MXNW	-	6R3	/	220	M	5X5	TR	F
Type		Rated voltage		Capacitance code (µF)	Tolerance code	Size (DxL)	Package code	RoHS compliant
Capacitance Code: First two digits represent significant figure, third digit represents multiplier (number of zeros).								
Package Code: TR = Tape & Reel.								

GENERAL SPECIFICATIONS

Item	Performance							
Operating temperature	-55°C to +105°C							
Capacitance range	1µF to 47µF							
Capacitance tolerance	±20%							
Rated voltage range	6.3 VDC to 63 VDC							
Surge voltage	Rated Voltage (VDC)	6.3	10	16	25	35	50	63
	Surge Voltage (VDC)	8	13	20	32	44	63	79
Temperature characteristics (120Hz)	Impedance Ratio							
		Voltage (VDC)						
	Z Temp.	6.3	10	16	25	35	50	63
	-40°C	3	3	2	2	2	2	2
	-55°C	8	6	4	4	3	3	3
Endurance (At rated voltage & max. operating temp)	500 hours x 2 (alternatively) 105°C, rated voltage applied with the rated ripple current. Capacitance change: Within ±25% of initial rated value. DF: Less than 200% of initial maximum specified value. Leakage Current: Within initial maximum specified value.							
Dissipation factor (@ 120Hz & 20°C)	Voltage(VDC)							
	Diameter	6.3	10	16	25	35	50	63
	4		22%	20%	20%	20%	18%	16%
	5	24%		20%	20%	20%	18%	16%
	6.3	24%	22%	20%	20%	20%	18%	16%
Maximum Leakage Current	After 1 minute @ 20°C: 0.03CV + 6µA							

DIMENSIONS



STANDARD PRODUCTS

Part Number	Nom. Cap. (µF)	Voltage (VDC)	Ripple (mA) (@ 120Hz & 105°C)	Size	Dimensions (mm)							
					D +0.5 MAX	L -0.5	W ±0.2	H ±0.2	C ±0.2	R MIN	R MAX	P
MXNW-6R3/220M5X5TRF	22	6.3	22	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-6R3/330M6X5TRF	33	6.3	27	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-6R3/470M6X5TRF	47	6.3	33	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-010/100M4X5TRF	10	10	12	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXNW-010/220M6X5TRF	22	10	25	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-010/330M6X5TRF	33	10	30	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-016/4R7M4X5TRF	4.7	16	8	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXNW-016/100M5X5TRF	10	16	17	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-016/220M6X5TRF	22	16	27	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-016/330M6X5TRF	33	16	40	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-025/3R3M4X5TRF	3.3	25	7	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXNW-025/4R7M5X5TRF	4.7	25	13	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-025/100M6X5TRF	10	25	20	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-035/2R2M4X5TRF	2.2	35	5.9	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXNW-035/3R3M5X5TRF	3.3	35	12	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-035/4R7M5X5TRF	4.7	35	14	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-035/100M6X5TRF	10	35	21	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-050/010M4X5TRF	1	50	7	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXNW-050/2R2M5X5TRF	2.2	50	10	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-050/3R3M5X5TRF	3.3	50	13	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXNW-050/4R7M6X5TRF	4.7	50	16	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-050/100M6X5TRF	10	50	18	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-063/010M4X5TRF	1	63	7	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXNW-063/2R2M5X5TRF	2.2	63	10	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4

Part Number	Nom. Cap. (µF)	Voltage (VDC)	Ripple (mA) (@ 120Hz & 105°C)	Size	Dimensions (mm)							
					D +0.5 MAX	L -0.5	W ±0.2	H ±0.2	C ±0.2	R MIN	R MAX	P
MXNW-063/3R3M6X5TRF	3.3	63	13	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXNW-063/4R7M6X5TRF	4.7	63	16	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2