

FEATURES

- Low impedance
- Stable over wide frequency Range
- Wide temperature range
- Designed for automatic mounting
- Solvent resistant



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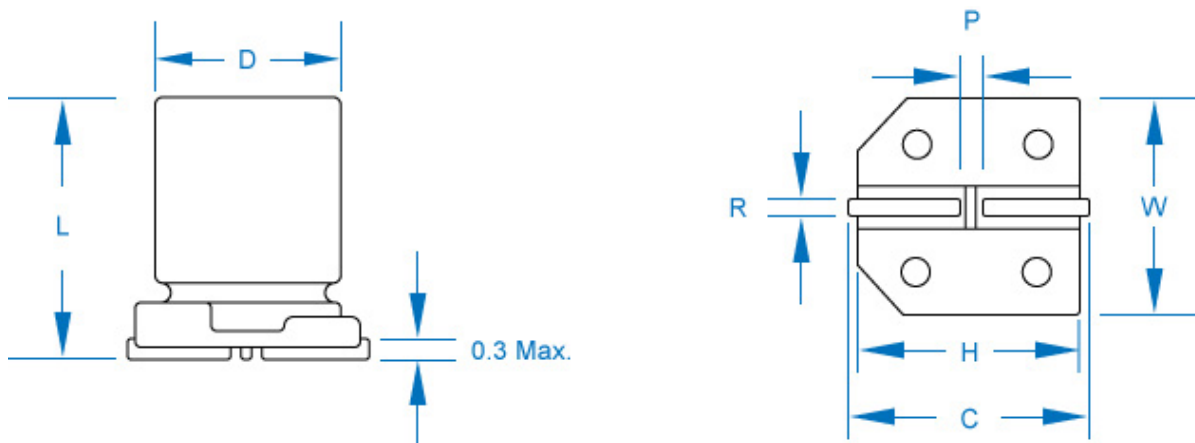
PART NUMBER EXAMPLE

MXZM	-	6R3	/	220	M	4X5	TR	F
Type		Rated DC 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 220μF							
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
Endurance (At rated voltage & max. operating temp)	After 1,000 hours for 4~6.3mm diam. or 2,000 hours for 8~16mm diam. (5,000 hour life available for 8~16mm diam. upon request): Capacitance change: Within ±25% of initial rated value. DF: Less than 300% 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	24%		16%	14%	12%	12%	12%
	5	24%	20%	16%	14%	12%	12%	12%
Maximum Leakage Current	6.3	24%	20%	16%	14%	12%	12%	6500%
	For capacitors greater than 1,000μF, add 2% per each additional 1,000μF.							
Maximum Leakage Current	After 2 minutes @ 20°C: 0.01CV or 3μA, whichever is greater.							

DIMENSIONS



STANDARD PRODUCTS

Part Number	Nom. Cap. (μ F)	Voltage (VDC)	Impedance (Ω) (@ 100Khz & 20°C)	Ripple (mA) (@ 100Hz & 105°C)	Size	Dimensions (mm)							
						D +0.5 MAX	L -0.5	W $\pm$ 0.2	H $\pm$ 0.2	C $\pm$ 0.2	R MIN	R MAX	P
MXZM-6R3/220M4X5TRF	22	6.3	2.3	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-6R3/330M5X5TRF	33	6.3	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-6R3/470M5X5TRF	47	6.3	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-6R3/101M6X5TRF	100	6.3	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-6R3/221M6X5TRF	220	6.3	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-010/220M5X5TRF	22	10	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-010/330M5X5TRF	33	10	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-010/470M6X5TRF	47	10	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-010/101M6X5TRF	100	10	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-016/100M4X5TRF	10	16	2.3	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-016/220M5X5TRF	22	16	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-016/330M6X5TRF	33	16	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-016/470M6X5TRF	47	16	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-016/101M6X5TRF	100	16	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-025/4R7M4X5TRF	4.7	25	2.3	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-025/100M5X5TRF	10	25	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-025/220M6X5TRF	22	25	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-025/330M6X5TRF	33	25	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-025/470M6X5TRF	47	25	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-035/1R0M4X5TRF	1	35	3.1	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-035/2R2M4X5TRF	2.2	35	2.9	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-035/3R3M4X5TRF	3.3	35	2.7	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-035/4R7M4X5TRF	4.7	35	2.3	68	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-035/100M5X5TRF	10	35	1.1	105	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-035/220M6X5TRF	22	35	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-035/330M6X5TRF	33	35	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-035/470M6X5TRF	47	35	0.6	155	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-050/1R0M4X5TRF	1	50	7.4	37	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-050/2R2M4X5TRF	2.2	50	6.6	45	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-050/3R3M4X5TRF	3.3	50	5.4	52	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-050/4R7M5X5TRF	4.7	50	2.9	75	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-050/100M6X5TRF	10	50	1.3	120	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2
MXZM-050/220M6X5TRF	22	50	1.3	120	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2

Part Number	Nom. Cap. (μF)	Voltage (VDC)	Impedance (Ω) (@ 100Khz & 20°C)	Ripple (mA) (@ 100Hz & 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
MXZM-063/1R0M4X5TRF	1	63	8	20	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-063/2R2M4X5TRF	2.2	63	8	24	4X5	4	5.4	4.3	4.3	5	0.5	0.8	1
MXZM-063/3R3M5X5TRF	3.3	63	3.5	40	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-063/4R7M5X5TRF	4.7	63	3.5	40	5X5	5	5.4	5.3	5.3	6	0.5	0.8	1.4
MXZM-063/100M6X5TRF	10	63	1.6	120	6X5	6.3	5.4	6.6	6.6	7.3	0.5	0.8	2.2