

**FEATURES**

- Low impedance
- 3000hrs life @105°C
- Wide temperature range
- Designed for automatic mounting
- Solvent resistant



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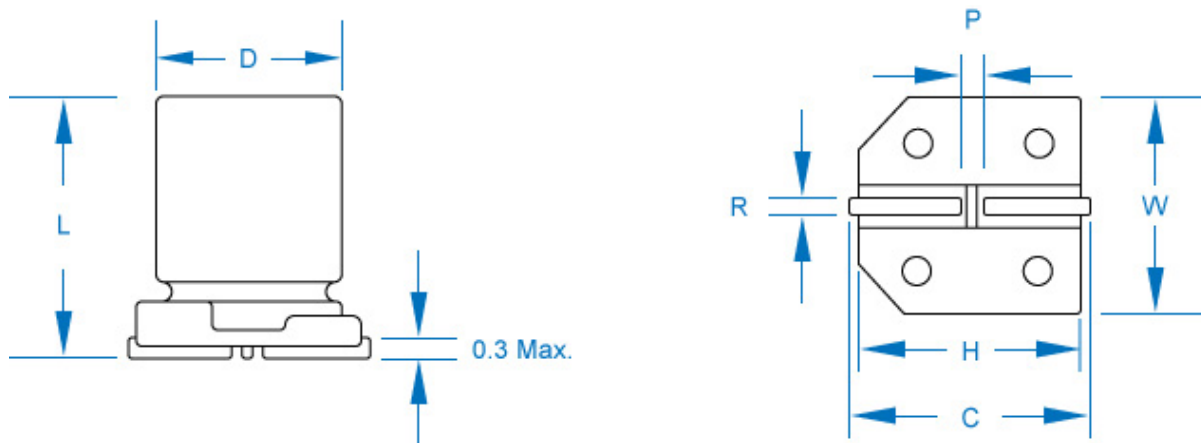
**PART NUMBER EXAMPLE**

<b>MXZH</b>	<b>-</b>	<b>6R3</b>	<b>/</b>	<b>470</b>	<b>M</b>	<b>5X6</b>	<b>TR</b>	<b>F</b>
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	-40°C to +105°C						
Capacitance range	10µF to 330µF						
Capacitance tolerance	±20%						
Rated voltage range	6.3 VDC to 50 VDC						
Surge voltage	Rated Voltage (VDC)	6.3	10	16	25	35	50
	Surge Voltage (VDC)	8	13	20	32	44	63
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
	5	28%	24%	22%	16%	13%	
	6.3	28%	24%	22%	16%	13%	12%
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. (µF)	Voltage (VDC)	Impedance (Ω) (@ 100Khz & 20°C)	Ripple (mA) (@ 100Hz & 105°C)	Size	Dimensions (mm)							
						D +0.5 MAX	L ±0.3	W ±0.2	H ±0.2	C ±0.2	R MIN	R MAX	P
MXZH-6R3/470M5X6TRF	47	6.3	1.3	95	5X6	5	6	5.3	5.3	6	0.5	0.8	1.4
MXZH-6R3/101M6X6TRF	100	6.3	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-6R3/221M6X8TRF	220	6.3	0.6	230	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-6R3/331M6X8TRF	330	6.3	0.6	230	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-010/330M5X6TRF	33	10	1.3	95	5X6	5	6	5.3	5.3	6	0.5	0.8	1.4
MXZH-010/470M5X6TRF	47	10	1.3	95	5X6	5	6	5.3	5.3	6	0.5	0.8	1.4
MXZH-010/101M6X6TRF	100	10	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-010/151M6X6TRF	150	10	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-016/220M5X6TRF	22	16	1.3	95	5X6	5	6	5.3	5.3	6	0.5	0.8	1.4
MXZH-016/470M6X6TRF	47	16	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-016/101M6X6TRF	100	16	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-016/151M6X8TRF	150	16	0.6	230	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-016/221M6X8TRF	220	16	0.6	230	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-025/220M5X6TRF	22	25	1.3	95	5X6	5	6	5.3	5.3	6	0.5	0.8	1.4
MXZH-025/330M6X6TRF	33	25	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-025/470M6X6TRF	47	25	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-025/101M6X8TRF	100	25	0.6	230	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-035/100M5X6TRF	10	35	1.3	95	5X6	5	6	5.3	5.3	6	0.5	0.8	1.4
MXZH-035/220M6X6TRF	22	35	0.7	140	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-035/470M6X8TRF	47	35	0.6	230	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-050/100M6X6TRF	10	50	2	70	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-050/220M6X6TRF	22	50	2	70	6X6	6.3	6	6.6	6.6	7.3	0.5	0.8	2.2
MXZH-050/330M6X8TRF	33	50	1.35	100	6X8	6.3	7.7	6.6	6.6	7.3	0.5	0.8	2.2