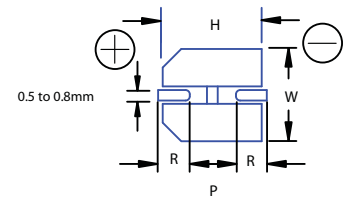
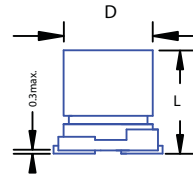


**FEATURES**

- LOW IMPEDANCE
- 4~6.3 D & 10x7.7= 2000hrs, 8~18 D 5000hrs LIFE
- WIDE TEMPERATURE RANGE
- DESIGNED FOR AUTOMATIC MOUNTING
- SOLVENT RESISTANT



**PART NUMBERING**

Part Number Example: **MXWRU-025/100M4X6TR13FG**

<b>MXWRU</b>	-	<b>025</b>	/	<b>100</b>	<b>M</b>	<b>4X6</b>	<b>TR</b>	<b>13</b>	<b>F</b>	<b>G</b>
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	Package Code**	Reel Size	RoHs Compliant	pb Free

\* 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	-55°C ~ +105°C.									
Voltage Range	6.3VDC ~ 100VDC.									
Capacitance Range	4.7μF ~ 10,000μF.									
Capacitance Tolerance	±20%.									
Maximum DF (20°C, 120Hz)	Rated DC VOLTS	6.3	10	16	25	35	50	63	80	100
	DF% diam 4 ~6.3	26	20	16	14	12	12	-	-	-
	DF% diam 8 ~18	28	24	22	16	14	14	8	8	7
Maximum Leakage Current (20°C) (after 2 minutes)	0.01CV or 3μA, whichever is greater.									
Load Life Test (105°C, 5000 hrs for D ≥ 8.0mm) (2000 hrs for D < 8.0mm & 10X7.7)	Capacitance change	Within ±30% of initial measured value.								
	DF%	Less than 300% 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	80	100
4.7					4 x 6	4 x 6			
10				4 x 6	5 x 6	6.3 x 6			
15			4 x 6	5 x 6	5 x 6	6.3 x 6			
22		4 x 6	5 x 6	5 x 6	5 x 6	6.3 x 6			
27	4 x 6	5 x 6	5 x 6	6.3 x 6	6.3 x 6	6.3 x 7.7			
33	5 x 6	5 x 6	6.3 x 6	6.3 x 6	6.3 x 6	6.3 x 7.7			10X10.2
47	5 x 6	6.3 x 6	6.3 x 6	6.3 x 6	6.3 x 6	6.3 x 7.7	10X7.7	10X10.2	12.5X13.5
56	5 x 6	6.3 x 6	6.3 x 6	6.3 x 6	6.3 x 7.7	8 x 10.2			
68	6.3 x 6	6.3 x 6	6.3 x 6	6.3 x 6	6.3 x 7.7	8 x 10.2			12.5X13.5
100	5 x 6				6.3 x 7.7	8 x 10.2	12.5X13.5	12.5X13.5	16X16.5
	6.3X6	6.3x6	6.3x6	6.3x7.7	8 x 10.2	10x7.7			
150	6.3 x 6	6.3 x 6	6.3 x 7.7	8 x 10.2	8 x 10.2	10 x 10.2	12.5X13.5	12.5X13.5	16X16.5
					10x7.7				
220	6.3 x 6	6.3 x 7.7	6.3 x 7.7	8 x 10.2	8 x 10.2	10 x 10.2	12.5X13.5		18X16.5
				10x7.7					
330	6.3 x 7.7	8 x 10.2	8 x 10.2	8 x 10.2	10 x 10.2	12.5x13.5		16X16.5	
			10x7.7						
470	8 x 10.2	8 x 10.2	8 x 10.2	10 x 10.2	10 x 13.5	16 x 16.5	16X16.5		
		10x7.7			12.5 x 13.5				
680	8 x 10.2	10 x 10.2	10 x 10.2	10 x 13.5		16 x 16.5	18X16.5		
	10X7.7			12.5x13.5	12.5 x 13.5				
1000			10x13.5			16 x 16.5			
	8X10.2	10x10.2	12.5x13.5	12.5x13.5	16 x 16.5				
1200						18X16.5			
1500		10x13.5							
	10X10.2	12.5x13.5	12.5x13.5	16 x 16.5	16 x 16.5				

**CONTINUED ON NEXT PAGE**

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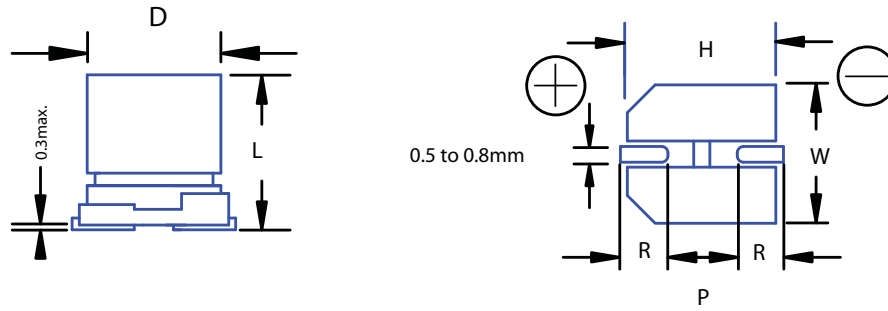
Specifications and dimensions are subject to change without notice.  
Please confirm technical specifications with Tecate Group before purchasing.

**STANDARD PRODUCT TABLE (dØ X L(mm))**

Cap. (µF)	WVDC								
	6.3	10	16	25	35	50	63	80	100
2200	10X13.5								
	12.5X13.5	12.5X13.5		16X16.5	18X16.5				
3300			16X16.5	18X16.5					
4700		16X16.5	18X16.5						
6800	16X16.5	18X16.5							
8200	18X16.5								
10,000	18X16.5								

**MAXIMUM RIPPLE (mA rms @ 100kHz & 105°C) / MAX IMPED (Ω @ 100KHZ & 20° C)**

Cap. (µF)	WVDC								
	6.3	10	16	25	35	50	63	80	100
4.7					90 / 1.45	60 / 2.9			
10				90 / 1.45	170 / .7	165 / .88			
15			90 / 1.45	170 / .7	170 / .7				
22		90 / 1.45	170 / .7	170 / .7	170 / .7	165 / .88			
27	90 / 1.45	170 / .7	170 / .7	250 / .39	250 / .39	195 / .68			
33	170 / .7	170 / .7	250 / .39	250 / .39	250 / .39	195 / .68			200 / .65
47	170 / .7	250 / .39	250 / .39	250 / .39	250 / .39	195 / .68	200 / .70	200 / .65	500 / .32
56	170 / .7	250 / .39	250 / .39	250 / .39	300 / .3	300 / .34			
68	250 / .39	250 / .39	250 / .39	250 / .39	300 / .3	300 / .34			500 / .32
100	170 / .7				300 / .3	300 / .34	580 / .16	500 / .32	793 / .17
	250 / .39	250 / .39	250 / .39	300 / .3	450 / .17	300 / .34			
150	250 / .39	250 / .39	300 / .3	450 / .17	450 / .17	490 / .18	580 / .16	500 / .32	793 / .17
					450 / .17				
220	250 / .39	300 / .3	300 / .3	450 / .17	450 / .17	490 / .18	580 / .16		917 / .153
				450 / .17					
330	300 / .3	450 / .17	450 / .17	450 / .17	670 / .09	620 / .12		793 / .17	
			450 / .17						
470	450 / .17	450 / .17	450 / .17	670 / .09	850 / .07	1610 / .073	1410 / .082		
		450 / .17			900 / .06				
680	450 / .17	670 / .09	670 / .09	850 / .07		1610 / .073	1690 / .08		
	450 / .17			900 / .06	900 / .06				
1000			850 / .07			1610 / .073			
	450 / .17	670 / .09	1000 / .06	900 / .06	1800 / .035				
1200						1610 / .073			
1500		850 / .07							
		670 / .09	900 / .06	900 / .06	1800 / .035	1800 / .035			
2200		850 / .07							
		900 / .06	900 / .06		1800 / .035	2060 / .033			
3300			1800 / .035	2060 / .033					
4700		1800 / .035	2060 / .033						
6800	1800 / .035	2060 / .033							
8200	2060 / .033								
10,000	2060 / .033								



**DIMENSIONS (mm)**

D +0.5 Max.	L	W ± 0.2	H ± 0.2	R	P ± 0.2
4.0	6.0 ± 0.3	4.3	4.3	1.8 ~ 2.2	1.0
5.0	6.0 ± 0.3	5.3	5.3	2.1 ~ 2.5	1.4
6.3	6.0 ± 0.3	6.6	6.6	2.35 ~ 2.75	2.2
6.3	7.7 ± 0.3	6.6	6.6	2.35 ~ 2.75	2.2
8.0	10.2 ± 0.5	8.3	8.3	2.7 ~ 3.1	3.2
10.0	7.7 ± 0.3	10.3	10.3	3.0 ~ 3.4	4.6
10.0	10.2 ± 0.5	10.3	10.3	3.0 ~ 3.4	4.6
12.5	13.5 ± 0.5	12.8	12.8	4.25 ~ 4.65	4.6
16.0	16.5 +0.5	16.3	16.3	4.95 ~ 5.35	7.0
18.0	16.5 + 1.0	19	19	5.8 ~ 6.2	7.0