ALUMINUM ELECTROLYTIC CAPACITORS

MT series

- 105* series with 5mm height

* SPECIFICATIONS

Items	Performance Characteristics
Operating Temperature Range	-40~+105*
Voltage Range	6.3 ~ 50V
Capacitance Range	0.1~100*F
Capacitance Tolerance	*20%(M) at 120Hz,25*
Leakage Current(MAX)	After 2 minutes application of rated voltage,leakage current is not more than 0.01CV or 3 (*A),whichever is greater.
(tan *)	Measurement frequency: 120Hz, Temperature:25*

Rated voltage(V)	6.3	10	16	25	35	50
tan*(MAX)	0.28	0.24	0.20	0.16	0.13	0.12

Stability at Low Temperature — Measurement frequency:120Hz

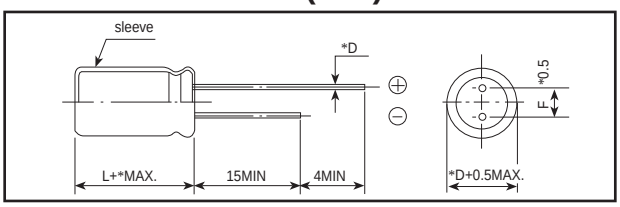
Rated Voltage(V)		6.3	10	16	25	35	50
Impedance ratio	Z(-25*)/ Z(+20*)	3	3	2	2	2	2
ZT/Z20(MAX)	Z(-40*)/ Z(+20*)	8	5	4	3	3	3

Load Life — After 1000 hours' application of rated voltage at 105* capacitors meet the characteristics requirements listed at following.

Leakage Current	Initial specified value or less
Capacitance Change	whthin *25% of initial value.
tan*	200% or less of initial specified value

Shelf Life	After leaving capacitors under no load of 105* for 500 hours, they meet the specified value for load life characteristics listed above.
Standards	According to JIS C-5141

* DIMENSIONS (mm)



*D	4	5	6.3
*d	0.45	0.45	0.45
F	1.5	2.0	2.5
*	1.0		

CATALOG NUMBERING SYSTEM (Example:16V 10*F)

1	2	3	4	5	6	7	8	9	10	11	12
M	T	R	1	C	M	1	0	0	C	0	5

- 12: Case size(*DxL)
- 10 11: Nominal capacitance in*F
- 7 8 9: Capacitance tolerance
- 6: Rated working voltage in volt
- 4 5: Terminal type
- 1 2 3: Series name

* STANDARD CASE SIZES AND PERMISSIBLE RIPPLE CURRENT

D XL (MM)

W.V.	4		6.3		10		16		25		35		50	
Cap(*F) / Code	OG		OJ		1A		1C		1E		1V		1H	
0.1	R10												4x5	1
0.22	R22												4x5	2
0.33	R33												4x5	3
0.47	R47												4x5	4
1	O10												4x5	8
2.2	2R2												4x5	13
3.3	3R3												4x5	14
4.7	4R7												5x5	18
10	100	4x5	14					4x5	20	5x5	22	4x5	17	6.3X5	28
22	220	4x5	22	4x5	23	5x5	28	5x5	31	6.3X5	44	5X5	24		
33	330	5x5	34	5x5	30	5x5	34	6.3X5	48	6.3x5	48	6.3x5	48		
47	470	6.3x5	37	5x5	37	6.3x5	52	6.3x5	56						
100	101	6.3x5	62	6.3x5	57										

MAXIMUM RIPPLE CURRENT(mA rms/105*,120Hz)