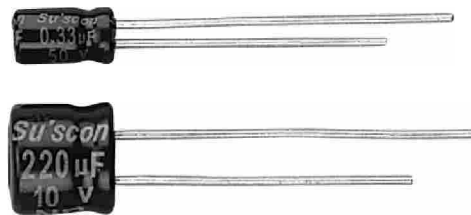


MT series

- Height 7 mm Bi-Polarized.
- 7 mm高，雙極性產品。



MT

SPECIFICATIONS

Items 項目	Characteristics 特性								
Capacitance Tolerance 靜電容量誤差	±20% (120Hz, 20°C)								
Operating Temperature Range 適用溫度範圍	-40 ~ +105°C								
Rated Voltage Range 工作電壓範圍	6.3 ~ 63V								
Leakage Current 洩漏電流	I ≤ 0.05CV or 10(μA), which is greater. (After 2 minutes application of working voltage)								
Dissipation Factor 散逸因素 (tan δ)	Measurement Frequency: 120Hz. Temperature: 20°C								
	Rated Voltage (V)	6.3	10	16	25	35	50	63	
	tan δ (Max)	0.26	0.22	0.18	0.18	0.16	0.14	0.12	
Low Temperature Stability 低溫特性 Impedance Ratio (Max) 阻抗比率 (最大值)	Measurement Frequency: 120Hz.								
	Rated Voltage (V)	6.3	10	16	25	35	50	63	
	Z (-25°C) / Z (20°C)	4	3	2	2	2	2	2	
	Z (-40°C) / Z (20°C)	10	8	6	4	3	3	3	
Load Life 負荷壽命	2,000hours, with application of working voltage at 105°C								
	Capacitance Change	Within ±25% of Initial Value							
	tan δ	200% or less of Initial Specified Value							
	Leakage Current	Initial Specified Value or less							
Shelf Life 放置壽命	1,000hours, no voltage applied, at 105°C. After Test: U _R to be applied for 30 minutes, 24 to 48hours before measurement.								
	Capacitance Change	Within ±25% of Initial Value							
	tan δ	200% or less of Initial Specified Value							
	Leakage Current	Initial Specified Value or less							
Standards 參照標準	JIS C 5101-4-1 and JIS C 5101-2								

PERMISSIBLE RIPPLE CURRENT

Temperature Coefficient

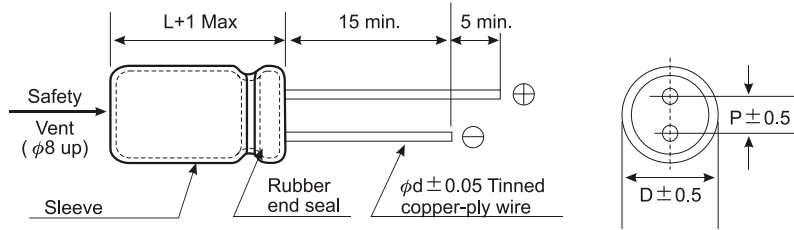
TEMP (°C)	85	105
Coefficient	1.75	1.00

Frequency Coefficient

Frequency (Hz)	50	120	1K	≥ 10K
Coefficient	0.80	1.00	1.30	1.50

MT series

DIMENSIONS (mm)



φ D	4	5	6.3	8
P	1.5	2.0	2.5	3.5
φ d	0.45	0.50	0.50	0.50

STANDARD RATINGS

DxL (mm); R.C.: (mA rms) at 105°C, 120Hz.

Cap (μF)	WV(V) (Code)	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)	
		D x L	R.C.	D x L	R.C.	D x L	R.C.	D x L	R.C.
3.3								4x7	15
4.7						4x7	18	5x7	18
10				4x7	23	5x7	27	6.3x7	28
22		5x7	33	5x7	36	6.3x7	41	8x7	42
33		5x7	40	6.3x7	45	8x7	52		
47		6.3x7	49	8x7	55				

Cap (μF)	WV(V) (Code)	35 (1V)		50 (1H)		63 (1J)	
		D x L	R.C.	D x L	R.C.	D x L	R.C.
0.1				x7	2.1	4x7	2.6
0.22				4x7	4.5	4x7	5.0
0.33				4x7	5.6	4x7	6.1
0.47				4x7	6.6	4x7	7.3
1				4x7	9.7	4x7	10
2.2		4x7	13	5x7	14	5x7	16
3.3		5x7	16	5x7	18	6.3x7	20
4.7		5x7	20	6.3x7	22	8x7	24
10		8x7	30				