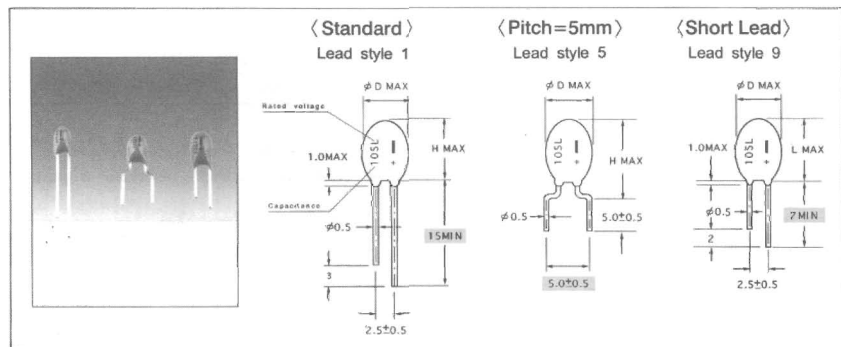
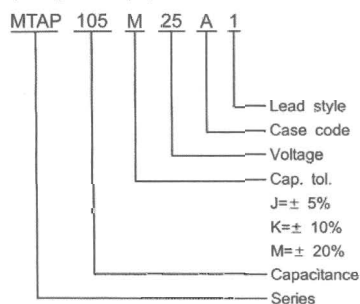




Catalog Numbering System

 (Example: 25V1 μ F)


Dimensions (mm)

Case Code	D	H	
		Lead style	
		1,9	5
A	3.7	7.0	9.5
B	4.0	7.5	10.0
C	4.5	8.0	10.5
D	5.0	9.0	11.5
E	5.5	10.0	12.5

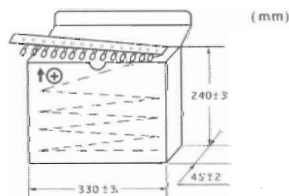
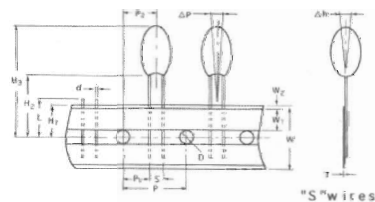
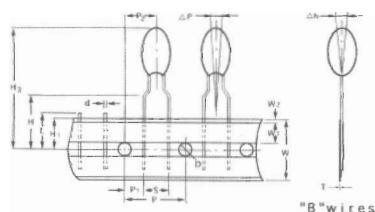
Standard Ratings

U _R (V • DC)	4	6.3	10	16	25	35
U _C (V • DC)	2.5	4	6.3	10	16	20
C _n (μF) Code	C	D	E	F	H	L
0.1	104					A
0.15	154					A
0.22	224					A
0.33	334					A
0.47	474					A
0.68	684				A	A
1	105				A	A
1.5	155			A	A	B
2.2	225			A	B	C
3.3	335		A	A	B	D
4.7	475	A	A	B	C	D
6.8	685	A	A	B	D	E
10	106	A	B	C	D	E
15	156	A	B	D	E	
22	226	B	C	D	E	
33	336	B	C	E		
47	476	C	D	E		
68	686	D	E			
100	107	D	E			

Electrical Characteristics

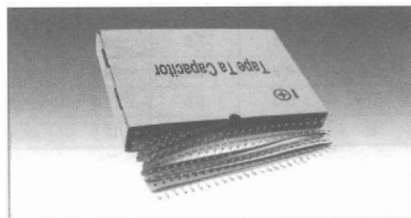
Capacitance (μ F)	Dissipation Factor Max(%)				Leakage Current Max (μ A)		
	-55 $^{\circ}$ C	20 $^{\circ}$ C	85 $^{\circ}$ C	125 $^{\circ}$ C	20 $^{\circ}$ C	85 $^{\circ}$ C	125 $^{\circ}$ C
0.1~1.0	4	4	6	6	0.01C _R U _R or 0.5 (Whichever is greater)	0.1C _R U _R or 5 (Whichever is greater)	0.15C _R U _R or 7.5* (Whichever is greater)
1.5~6.8	6	6	8	8			
10~68	8	8	10	10			
100	10	10	12	12			

* The leakage current is measured at 125 $^{\circ}$ C with the U_C applied.

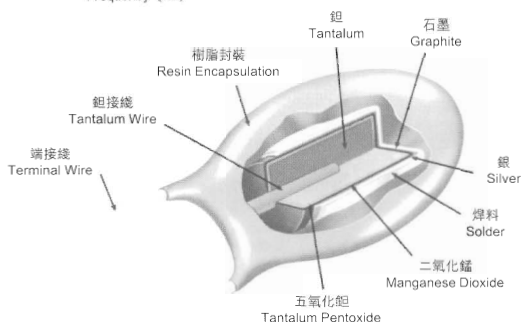
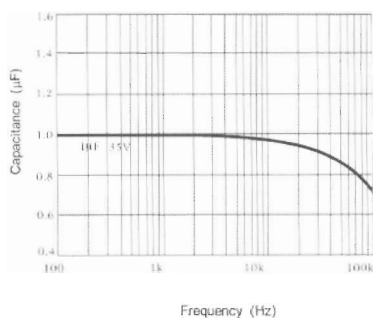
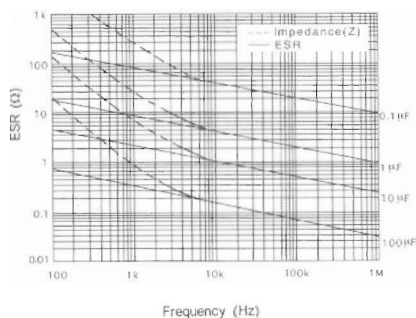
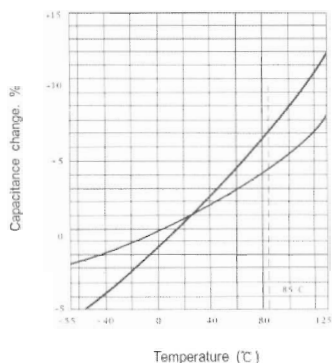
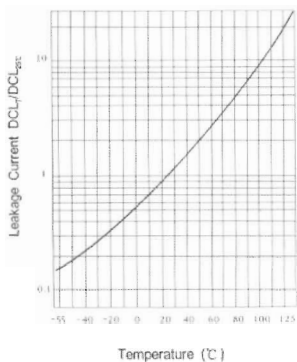
Tape & Ammo Packing (conform to: IEC286-2)


Case Code	A,B,C	D	E
QTY.(PCS/box)	3000	2500	2000

Item	Code	Dimension (mm)
Carrier tape width	W	18.0 $^{+1.0}_{-0.5}$
Hold down tape width	W ₁	6.0 $\pm$ 0.5
Hold down tape position	W ₂	1.0max
Feed hole diameter	D	4.0 $\pm$ 0.2
Feed hole pitch	P	12.7 $\pm$ 0.3
Hole center to lead	P ₁	'S' wires: 5.05 $\pm$ 0.7
		'B' wires: 3.85 $\pm$ 0.7
Hole center to component center	P ₂	6.35 $\pm$ 1.0
Lead wire clench height	H	16 $\pm$ 0.5
Hole position	H ₁	9.0 $\pm$ 0.5
Base of component height	H ₂	18min
Component height	H ₃	32.2max
Component alignment	Δ p	0 $\pm$ 1.3
	Δ h	0 $\pm$ 2.0
Lead spacing	S	'S' wires: 2.5 $^{+0.6}_{-0.1}$
		'B' wires: 5.0 $^{+0.6}_{-0.1}$
Lead diameter	d	0.5 $\pm$ 0.05
Length of snapped lead	L	11.0max
Carrier tape thickness	T	0.5 $\pm$ 0.1



Typical Characteristic Curve



MTAP - Small Physical Size Rated to +125°C