

0.33								A	A
0.47								A	A
0.68								A	A
1					A	A	A	A	B
1.5					A	A	A	A	C
2.2				A	A	A	A	B	C
3.3			A	A	A	B	B	B	D
4.7	A	A	A	A	B	B	B	C	D
6.8	A	A	A	B	B	C	C	D	E
10	A	A	B	B	B	C	C	D	E
15	A	A	B	C	C	D	D	E	F
22	B	B	C	C	C	D	D	E	F
33	B	B	C	D	D	E	E	F	
47	C	C	D	D	D	E	E	F	
68	D	D	D	D	E	F	F		
100	D	D	E	E	E	F	F		
150	D	E	E	E	F				
220	E	E	E	F					
330	E	F	F						
470	F								
680	F								

Dimensions-Millimeters

table-2

Case Sizes	D (max)	H (max)	H (± 0.5mm)	d (± 0.5mm)
A	4.5	7.0	2.5	0.5
B	5.0	8.0	2.5	0.5

C	5.5	9.5	2.5	0.5
D	6.5	11.0	2.5	0.5
E	8.5	13.0	5.0	0.5
F	9.5	16.5	5.0	0.5

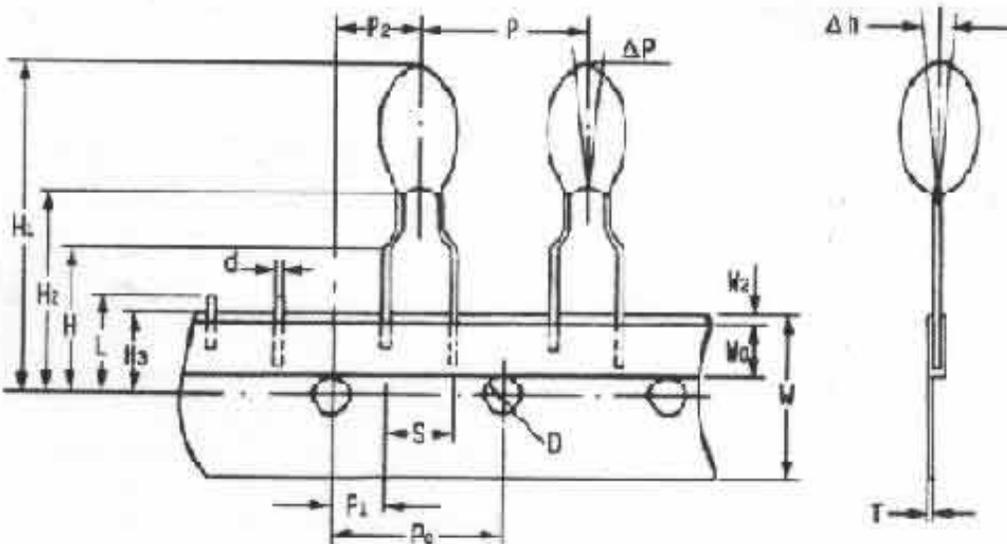
temperature Characteristics table 3

Capacitance (uF)	Cap Change (%)			DF Max. (%)				DCL Max. (uA)		
	-55	+85	+125	-55	+20	+85	+125	+20	+85	+125
1.0	± 10	± 15	± 25	6	4	6	6	or $10 \times 0.02CRVR1\mu A$ (whichever is greater)	10	12.5
1.5-6.8				8	6	8	8			
10-68				10	8	10	10			
100-680				12	10	12	12			

Packaging information

B : Bulk pack

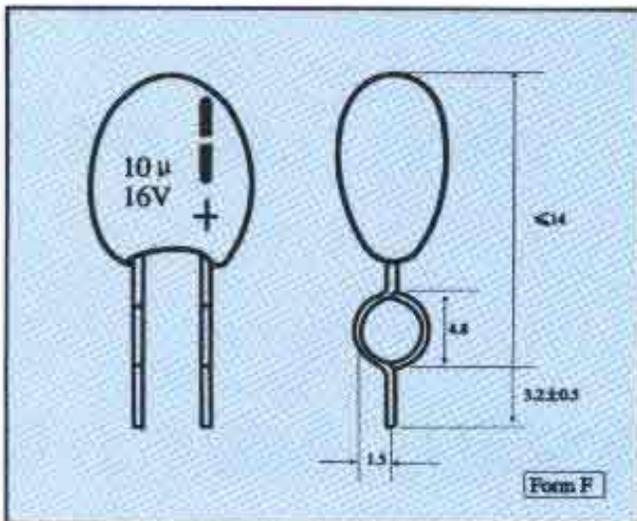
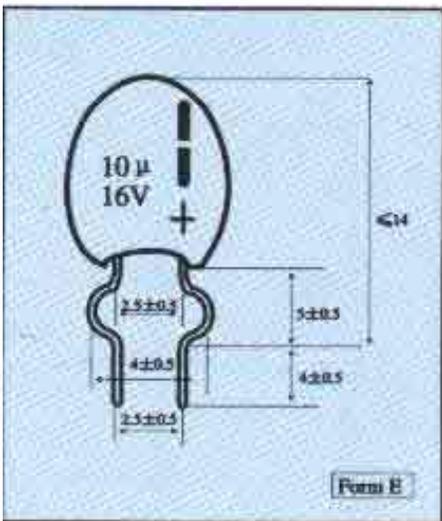
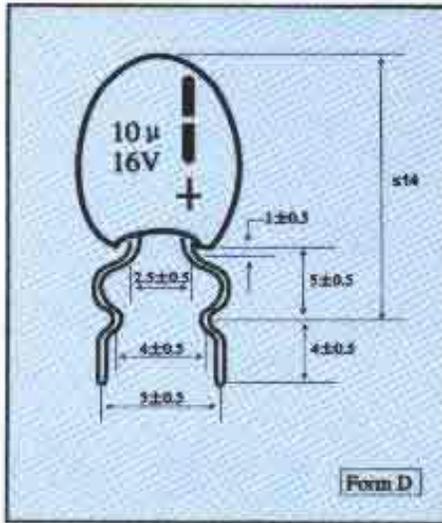
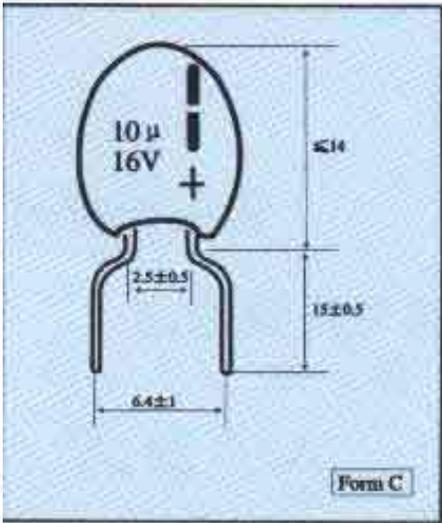
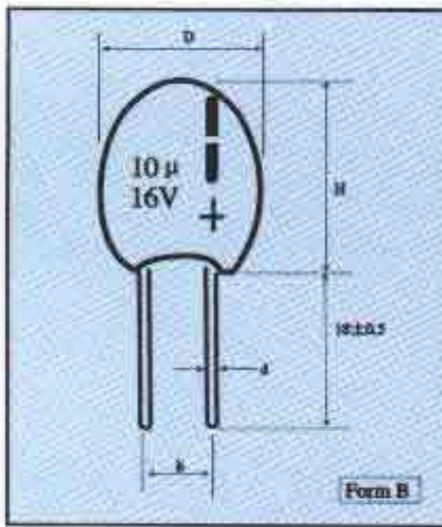
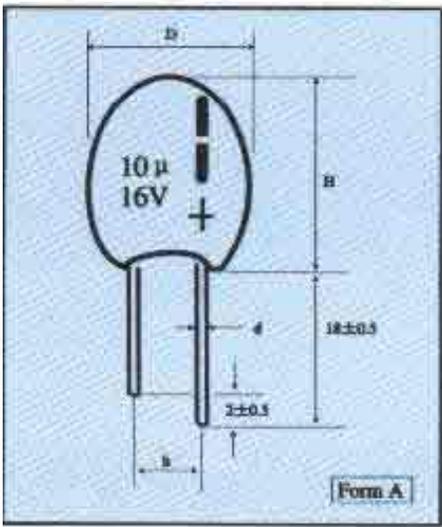
A : Ammo pack (per Specification IEC286-2)



Designation	Symbol	Dimensions(mm)
Pitch of component	P	12.7 ± 1.0

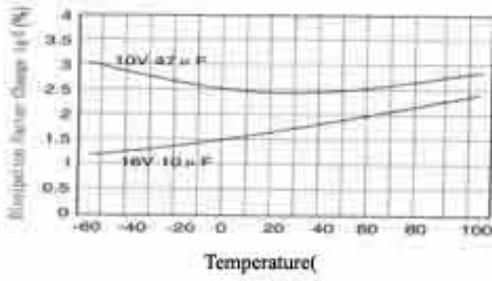
Feed hole pitch	Po	12.7 ± 0.3	
Tape Width	W	+1 18 -0.5	
Hold down tape width	Wo	12 ± 0.5	
Hole position	H3	+0.75 9 -0.5	
Hold down tape position	W2	1.0max	
Overall component height	H1	32.5max	
Component alignment	P	± 1.3max	
Feed hole diameter	D	4.0 ± 0.3	
Tape thickness	T	0.5 ± 0.2	
Component alignment	h	2.0max	
Length of snipped leads	L	11max	
Lead clinch height	H	16 ± 0.5	
Lead wire spacing	S	2.5 ± 0.5	5 ± 0.7
Feed hole center to wire center	P1	5.10 ± 0.5	3.85 ± 0.7
Hole center to component center	P2	6.35 ± 0.4	
Component height	H2	+2 18 -0	
Lead diameter	D	0.5 ± 0.05	

Lead Styles (Other lead styles are available)

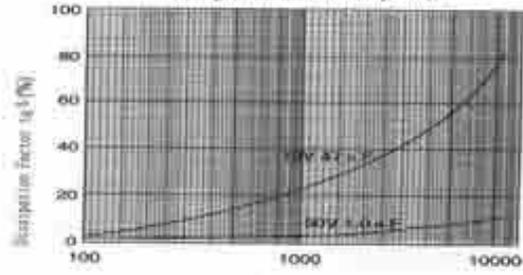


Typical Characteristic Curve

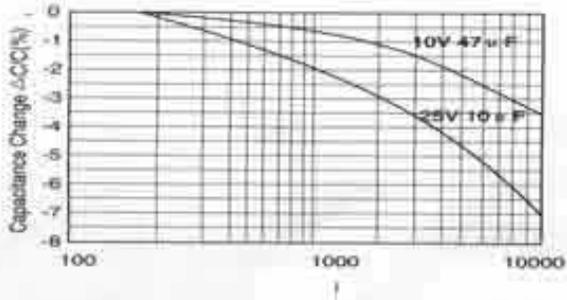
Dissipation factor vs temperature



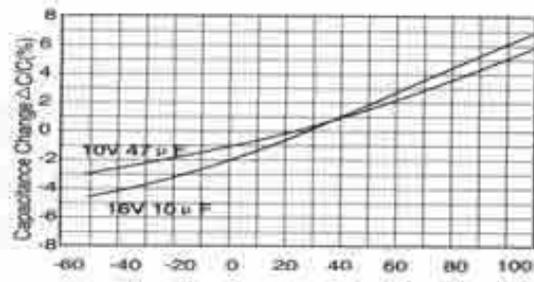
Dissipation factor vx frequency



Capacitance change vs frequency



Capacitance change with temperature



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