

Packaging of bead tantalum capacitors
Ratings and Part Number Reference

Case Size	Capacitance uF	DCL (uA) Max.	DF % Max.	ESR max.(Ω) @100KHz
6.3 volt @ 85°C (4 volt, @125°C)				
A	3.3	0.5	6	13.0
A	4.7	0.5	6	10.0
A	6.8	0.5	6	8.0
B	10	0.5	8	6.0
B	15	0.8	8	5.0
C	22	1.1	8	3.7
C	33	1.7	8	3.0
D	47	2.4	8	2.0
D	68	3.4	8	1.8
E	100	5.0	10	1.6
E	150	7.6	10	0.9
E	220	11.0	10	0.9
F	330	16.6	10	0.7
10 volt @ 85°C (6.3 volt, @125°C)				
A	2.2	0.5	6	13.0
A	3.3	0.5	6	10.0
A	4.7	0.5	6	8.0
B	6.8	0.5	6	6.0
B	10	0.8	8	5.0
C	15	1.2	8	3.7
C	22	1.7	8	2.7
D	33	2.6	8	2.1
D	47	3.7	8	1.7
D	68	5.4	8	1.3
E	100	8.0	10	1.0
E	150	12.0	10	0.8
F	220	17.6	10	0.8

16 volt @ 85°C (10 volt, @125°C)				
A	1.5	0.5	4	10.0
A	2.2	0.5	6	8.0
A	3.3	0.5	6	6.0
B	4.7	0.6	6	5.0
B	6.8	0.8	8	4.0
B	10	1.2	8	3.2
C	15	1.9	8	2.5
C	22	2.8	8	2.0
D	33	4.2	8	1.6
D	47	6.0	8	1.3
E	68	8.7	8	1.0
E	100	12.8	10	0.8
F	150	19.2	10	0.6
25 volt @ 85°C (16 volt, @125°C)				
A	1.0	0.5	4	10.0
A	1.5	0.5	4	8.0
A	2.2	0.5	6	6.0
B	3.3	0.6	6	5.0
B	4.7	0.9	6	4.0
C	6.8	1.3	6	3.1
C	10	2.0	8	2.5
D	15	3.0	8	2.0
D	22	4.4	8	1.5
E	33	6.6	8	1.2
E	47	9.4	8	1.0
F	68	13.6	8	0.8
F	100	20	10	0.8
35 volt @ 85°C (25 volt, @125°C)				
A	0.1	0.5	4	26.0
A	0.15	0.5	4	21.0
A	0.22	0.5	4	17.0
A	0.33	0.5	4	15.0
A	0.47	0.5	4	13.0

A	0.68	0.5	4	10.0
A	1.0	0.5	4	8.0
A	1.5	0.5	4	6.0
B	2.2	0.6	6	5.0
B	3.3	0.9	6	4.0
C	4.7	1.3	6	3.0
D	6.8	1.9	6	2.5
D	10	2.8	8	2.0
E	15	4.2	8	1.6
E	22	6.1	8	1.3
F	33	9.2	8	1.0
F	47	10.0	8	0.8
35 volt @ 85°C (25 volt, @125°C)				
A	0.1	0.5	4	26.0
A	0.15	0.5	4	21.0
A	0.22	0.5	4	17.0
A	0.33	0.5	4	15.0
A	0.47	0.5	4	13.0
A	0.68	0.5	4	10.0
B	1.0	0.5	4	8.0
C	1.5	0.6	4	6.0
C	2.2	0.8	6	3.5
D	3.3	1.3	6	3.0
D	4.7	1.8	6	2.5
E	6.8	2.7	6	2.0
E	10	4.0	8	1.6
F	15	6.0	8	1.2
F	22	8.8	8	1.0

Quantity per bag: Code B

The capacity on the plastic bags depends on

Case Size Format	Qty per bag (cut ≤ 7mm)
From A to B	1000
From C to D	1000
From E to F	500

Case Size Format	Qty per bag (cut ≥ 14mm)
From A to B	1000
From C to D	500
From E to F	500

Case Size Format	Qty per bag (cut ≤ 7mm)
From A to B	1000
From C to D	500
From E to F	500

TAPE & AMMO PACKING (conform to: IEC286-2) Code T.

Item	Code	Dimension (mm)
Carrier tape width	W	18.0 + 1.0 18.0 - 0.5
Hold down tape width	W1	6.0 ±0.5
Hold down tape position	W2	1.0max
Feed hole diameter	D	4.0 ± 0.2
Feed hole pitch	P	12.7 ±0.3
Hole center to lead	P1	Format 1:5.05±0.7
		Format 2:3.85±0.7
Hole center to component center	P	6.35±1.0
Lead wire clench height	H	16±0.5
Hole position	H1	9.0±0.5
Base of component height	H2	0.8min
Component height	H3	32.2max
Component alignment	ΔP	0±1.3
	Δh	0±2.0
Lead spacing	S	'S' wires:2.5 +0.6 'S' wires:2.5 -0.1
		'B' wires:5.0 +0.6 'B' wires:5.0 -0.5
Lead diameter	d	0.5±0.05
Length of snipped lead	L	11.0max
Carrier tape thickness	T	0.5±0.1

Case Code	A~B	C~D	E~F
QTY. (PCS/box)	2500	2000	1000