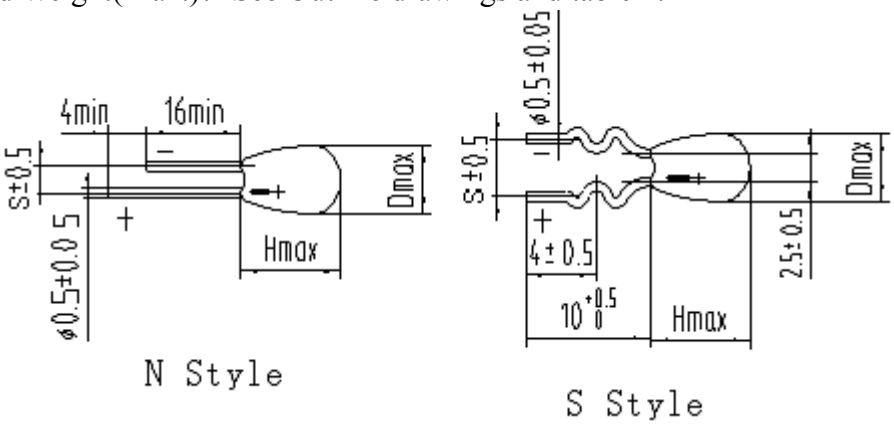
Features and Applications：

1. Resin-coated. Radial-lead. Polar Capacitors.
2. Economy and high electricity performance. Low dissipation factor and DC leakage current. Easy to mount. Equal to Vishay type 199D
3. Suitable for a broad range of consumer, commercial and industrial equipment.

Performance and Characteristics

Operating Temperature：-55℃ to +85℃.（To +125℃ with voltage derating.）
Rated Voltage, Derating Voltage: See table 2.
Capacitance Tolerance：At 100Hz,+25℃, ±10%；±20% standard. ±5%, special order.
DC Leakage Current at 25℃：$DCL_{Max} \leqslant 0.01 C_R U_R$（μA）or 0.5μA（Whichever is greater）.
Dissipation Factor（D.F）：At 100Hz,+25℃. D.F won't exceed the values in table 1.
Temperature Performance：No more than maximum limits in table 1.
Dimensions and Weight(Max.)：See Outline drawings and table 2.



***Other lead styles are available upon your request.

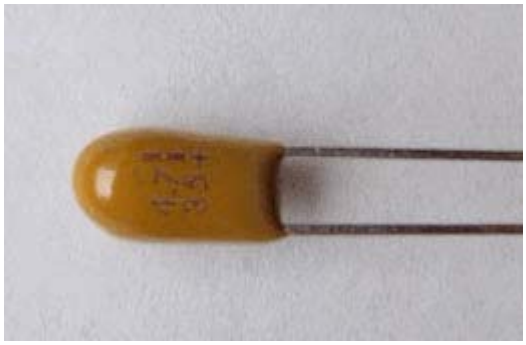


Table 1 Temperature Performance

Capacitance μF	Capacitance Change %			Maximum					
				D.F(%)				DCL(μA)	
	-55℃	85℃	125℃	-55℃	25℃	85℃	125℃	85℃	125℃
0.1~1.0	±8	±12	±15	4	4	6	6	10Io	15Io
1.5~6.8				6	6	8	8		
10~68				8	8	10	10		
100~330				10	10	12	12		

Remarks: 1) Test Voltage：$U_{-}=2.2^{0}_{-1.0}$V；$U_{\sim}=1.0^{0}_{-0.5}$V (RMS). Test frequency：100Hz.
2) Lead is upward, you face marking, the left lead is anode.
3) To 125℃ with voltage derating.

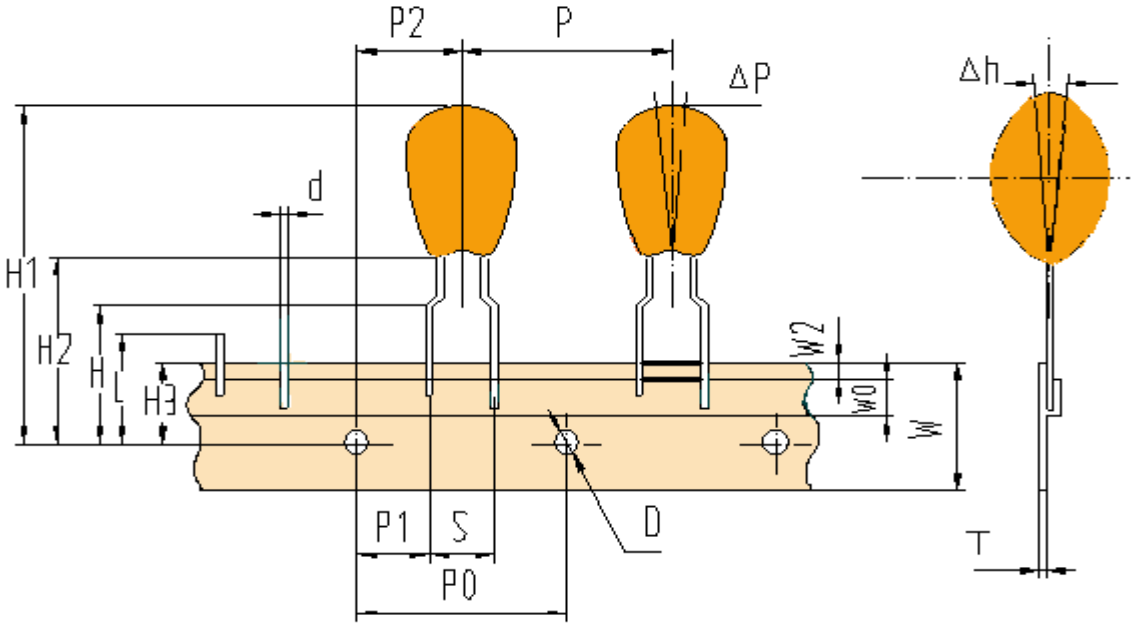
Table 2 Rating Voltage, Derating Voltage, Nominal Capacitance, Weight(Max.)

Rating Voltage（U_R） V			4	6.3	10	16	25	35(32)	40	50
Derating Voltage（U_C）V			2.5	4	6.3	10	16	20	25	32
Case Size mm		Weight (Max.) g	Nominal Capacitance（C_R） μF							
D×H	S									
4.4×7	2.54	0.8	4.7 6.8 10 15	4.7 6.8 10	3.3 4.7	2.2 3.3	1.0 1.5 2.2	0.1 0.15 0.22 0.33 0.47 0.68 1.0 1.5	0.1 0.15 0.22 0.33 0.47 0.68 1.0	0.1 0.15 0.22 0.33 0.47 0.68
5×7.5	2.54	1.5	22 33	15	6.8 10	4.7 6.8	3.3 4.7	2.2 3.3	1.5 2.2	1.0
5.5×9	2.54	2	47	22 33	15 22	10 15	6.8 10	4.7	3.3	1.5 2.2
6×10	2.54	2.5	68 100	47 68 100	33 47 68	22 33	15 22	6.8 10	4.7 6.8	3.3 4.7
7.2×12	2.54	3	150	150	100	47 68	33	15	10	6.8
8.5×12.5	5.08	4	220 330	220	150	100	47	22	15	10
9.5×16	5.08	5		330	220	150	68	33 47	22 33	15 22

Remarks: “S” is the lead space, 2.54mm and 5.08mm

How to order:
CZCA4216V10UFKTS1 or CA42-16V-10UFKTS2
CZCA4216V10UFMB or CA42-16V-10UFMB
Here: K: ±10%, M: ±20%. T: Tape, S1: 2.54mm, S2:5.08mm, B: Bulk

Standard ammo packing(per Specification IEC286-2):



Item	Symbol	Dimension(mm)
Pitch of component	P	12.7±1.0
Feed hole pitch	P0	12.7±0.3
Base tape width	W	18.0 +1.0-0.5
Hold down tape width	W0	12.0+0-1.0
Hole position	H3	9±0.5
Hold down tape position	W2	1.0max
Overall component height	H1	32.5max
Component alignment	ΔP	±1.3
Feed hole diameter	D	4±0.2
Tape thickness	T	0.5±0.2
Component alignment	Δh	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 lead wire center	P1	3.85±0.7
Feed hole center to component center	P2	6.35±0.7
Component height	H2	18+2,0
Lead diameter	d	0.5±0.05