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ELECTRONICS

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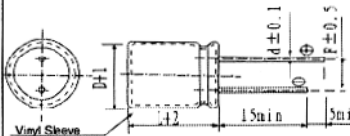
Jameco Part Number 93841

Date	Rev.	Description



## Miniature Standard

- ▶ Miniature Standard, good stable and reliable performances.
- ▶  $D \geq 8\text{mm}$  equipped with pressure release device.
- ▶ Widely used in DC or pulse circuit of TV, VCD(DVD), AUDIO systems, telecommunications and computers.

Item	Characteristics											
	$\varnothing D$	5	6	8	10	12	13	16	18	22	25	26
Size and its tolerance 	$F \pm 0.5$	2.0	2.5	3.5	5.0			7.5		10	12.5	
	$d \pm 0.1$	0.5			0.6			0.8				
	Operating Temp. Range	-40 C ~ +85 C										
Rated Working Voltage	6.3 ~ 450Vdc											
Capacitance Range	0.1 ~ 10000 $\mu\text{F}$ (+20 C, 100 or 120Hz)											
Capacitance Tol.	$\pm 20\%$ , $^{+30}_{-10}\%$ (+20 C, 100 or 120Hz)											
Dissipation Factor $\text{tg } \delta$	At +20 C and 100 or 120Hz, for $C_R > 1000 \mu\text{F}$ , $\text{tg } \delta$ add 0.02 per another 1000 $\mu\text{F}$ . +20 C, 100 or 120Hz,											
	$U_x$ (V)	6.3	10	16	25	35	50,63	100	160 ~ 250	400,450		
	(A grade) A	0.24	0.22	0.20	0.15	0.12	0.10	0.08	0.16	0.20		
(B grade) B	GB5995-86											
Leakage Current $I_L$	A grade A $< 0.03 \cdot C_R \cdot U_R$ or $5 \mu\text{A}$ ( $< 100\text{Vdc}$ ) whichever is greater $< 0.03 \cdot C_R \cdot U_R + 10 \mu\text{A}$ ( $> 160\text{Vdc}$ )											
	B grade B GB5995-86 At +20 C, after 2 minutes application of $U_R$											
Load Life	At +85 C after $U_R$ applied for 1000 hours.											
	$\Delta C$	$^{+20}_{-30}\%$ (6.3Vdc), $\pm 20\%$ (10-100Vdc), $\pm 15\%$ ( $\geq 160\text{Vdc}$ ) of initial measured value										
	DF( $\text{tg } \delta$ )	$\leq 200\%$ ( $\leq 100\text{Vdc}$ ), 150% ( $\geq 160\text{Vdc}$ ) of initial specified value										
	LC( $I_L$ )	$\leq$ initial specified value										
Shelf Life	After shelf for 500 hours (without voltage applied) at +85 C, then restored for 16 hours at room temp., +85 C, 500 hours											
	$\Delta C$	$^{+20}_{-30}\%$ (6.3Vdc), $\pm 20\%$ (10-100Vdc), $\pm 15\%$ ( $\geq 160\text{Vdc}$ ) of initial measured value										
	DF( $\text{tg } \delta$ )	$\leq 200\%$ ( $\leq 100\text{Vdc}$ ), 150% ( $\geq 160\text{Vdc}$ ) of initial specified value										
	LC( $I_L$ )	$\leq 200\%$ of initial specified value										
Others	GB5995-86											

DCC. NO.
A4 DRAWING NO.

MATERIAL	<b>GOLDSUN ELECTRONICS CO., LTD.</b>		
	JAMECO NO.	GOLDSUN NO.	
	<b>93841</b>		
DRAWN: Kiki Chen	Description		Rev.
VERIFY PEOPLE: Wendy Chen	ALUMINUM RADIAL ELECTROLYTIC		1
	UNIT: mm	SCALE:	CAS No: ERN No:
		SHEET 1 OF 1	