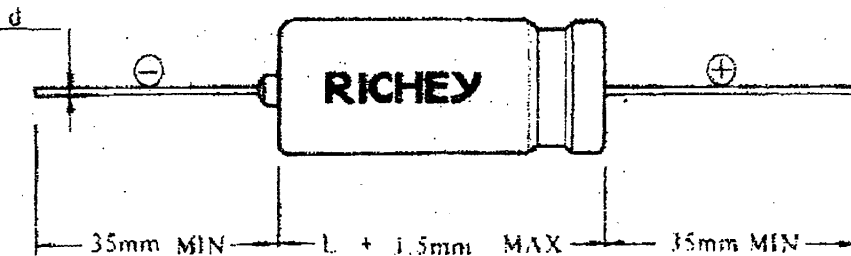


AXIAL LEAD POLAR

GENERAL PURPOSE FOR INDUSTRIAL, AUTOMOTIVE, AUDIO-VIDEO, LIGHTING.



D	5	6	8	10	13	16	18	22	25	30
d	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8/1.0	0.8/1.0	0.8/1.0

SPECIFICATIONS : LOW VOLTAGE

VOLTAGE RANGE 3V-100V

OPERATING TEMPERATURE -40°C +85°C

CAPACITANCE RANGE 0.1 μ F-40000 μ F

CAPACITANCE TOLERANCE -20% +20%(M) 120HZ 25°C

OTHER TOLERANCES AVAILABLE UPON REQUEST

LEAKAGE CURRENT 0.01CV + 3 μ A MAXIMUM

AFTER 5 MINUTES 3UA MAXIMUM 0.01CV \leq 3

DISSIPATION FACTOR : TAN δ AT 25°C 120HZ.

W.V.	3	6	6.3	10	16	25	35	40	50	63	80	100
TAN δ	0.35	0.25	0.25	0.20	0.17	0.15	0.12	0.12	0.10	0.10	0.09	0.08

Tan δ values to be increased by 0.02 per 1000 μ F for capacitance values greater than 1000 μ F

SPECIFICATIONS : HIGH VOLTAGE

VOLTAGE RANGE 160V - 500V

OPERATING TEMPERATURE 160 -40°C + 85°C

200V - 500V -25°C + 85°C

CAPACITANCE RANGE 0.47 μ F - 33000 μ F

CAPACITANCE TOLERANCE -20% +20%(M) 120HZ 25°C

OTHER TOLERANCES A VAILABLE UPON REQUEST

LEAKAGE CURRENT 0.03CV + 15UA MAXIMUM CV \leq 1000

AFTER 5 MINUTES 0.02CV + 25UA MAXIMUM CV > 1000

DISSIPATION FACTOR : TAN δ AT 25°C 120HZ.

W.V.	160	200	250	350	400	450
TAN δ	0.10	0.15	0.20	0.20	0.20	0.20

DIMENSIONS D x L & PERMISSIBLE RIPPLE CURRENTS mA RMS MAX. AT 120HZ 85°C

W.V.	50	63	75	80	100	150	160	200	
S.V.	63	79	94	100	125	188	200	250	
μF									
300	10x30	656							
330	10x30	688	13x25	550					
	13x27	744	13x27	571		13x32	585	13x32	585
							16x25	700	
							16x32	648	
							18x40	939	
350	10x24	633							
400	13x24	771							
425	13x24	794							
450	13x24	817							
460									
470	13x22	609	13x26	676					
	13x25	650	13x32	750		16x32	922	16x32	1031
			13x36	795			16x40	1152	
			16x28	777			18x25	965	
500	13x24	977							
	13x32	1129							
	16x40	1366			16x32	1496			
680	16x25	1480	16x32	1560		16x40	1730	16x40	1934
			16x40	1744		18x40	2149	18x40	2402
1000	13x40	1197	16x32	1100		16x40	2458	18x40	2914
	16x25	1050	16x38	1198		18x40	2607	22x40	3221
	16x32	1187	16x40	1229				22x43	3339
			16x48	1346				22x51	3636
			18x33	1183				22x53	3706
			18x38	1269					
1100	16x40	1889							
1500	16x40	2006	16x40	2590		18x53	2800	22x50	3140
	18x40	2340	18x40	2853		22x40	2690		
			22x40	3154					
2200	18x40	1300	22x40	1400		22x50	2458	25x50	2567
	18x53	1496	22x51	1580				25x60	2812
	22x43	1490							
3300	22x40	1500	22x50	1600		25x50	3144	25x80	3890
			22x65	1824					
4700	22x40	2753	25x50	4070		25x60	4110		
	22x52	3140							
	22x60	3372							
	25x40	2956							
5000	25x50	3305							
	25x59	3702							
6800	25x50	3539	25x80	4570					
	25x61	3910							
10000	25x70	4380	30x60	4986					
	30x60	4442							

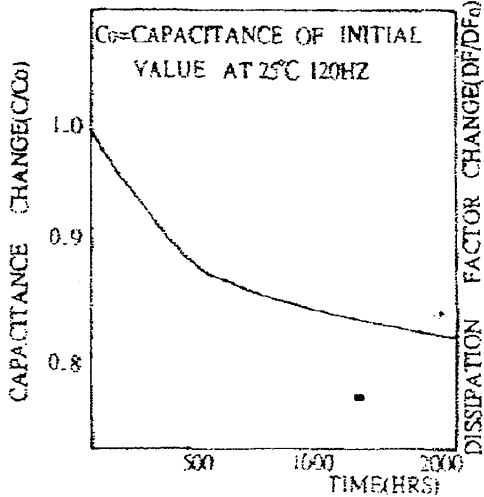
STANDARD RATINGS:

AF \ W.V.	3	6	6.3	10	16	25	35	50	63	80	100	150	200	250	350	400	450
0.47											5 X 12						
1											5 X 12	6 X 12	6 X 12	6 X 16	6 X 16	8 X 16	8 X 16
2.2											5 X 12	6 X 16	6 X 16	8 X 16	8 X 16	8 X 20	10 X 21
3.3										5 X 12	6 X 12	6 X 16	8 X 16	8 X 16	8 X 20	10 X 21	10 X 21
4.7						5 X 12			5 X 12	6 X 12	6 X 12	6 X 16	8 X 16	8 X 20	10 X 21	10 X 21	10 X 25
10						5 X 12	5 X 12	5 X 12	6 X 12	6 X 16	6 X 16	8 X 20	10 X 21	10 X 21	10 X 30	13 X 25	13 X 25
22					5 X 12	5 X 12	6 X 12	6 X 12	6 X 16	8 X 16	8 X 20	10 X 21	10 X 25	13 X 25	16 X 32	16 X 32	16 X 32
33			5 X 12	5 X 12	5 X 12	6 X 12	6 X 16	6 X 16	8 X 16	8 X 16	8 X 20	10 X 25	13 X 25	13 X 32	16 X 32	16 X 40	18 X 40
47			5 X 12	5 X 12	6 X 12	6 X 16	6 X 16	6 X 16	8 X 16	8 X 20	10 X 21	13 X 25	13 X 32	16 X 32	16 X 40	18 X 40	22 X 40
100			6 X 12	6 X 12	6 X 16	8 X 16	8 X 16	8 X 16	10 X 21	10 X 21	10 X 25	16 X 25	16 X 32	16 X 40	22 X 40	22 X 50	25 X 50
220			6 X 16	8 X 16	8 X 16	8 X 20	10 X 21	10 X 25	10 X 25	13 X 25	13 X 32	18 X 40	18 X 40	22 X 40			
330			6 X 16	8 X 16	8 X 16	10 X 21	10 X 21	10 X 30	13 X 25	13 X 32	16 X 25	22 X 40	22 X 50				
470		8 X 20	8 X 16	8 X 16	8 X 20	10 X 21	10 X 25	13 X 25	13 X 32	16 X 32	16 X 32	22 X 50					
1000		8 X 20	8 X 20	10 X 21	13 X 25	13 X 25	16 X 25	16 X 32	16 X 40	18 X 40	18 X 40						
2200			10 X 30	13 X 25	10 X 21	16 X 25	16 X 32	18 X 40	22 X 40	22 X 50	25 X 50						
3300			13 X 25	13 X 32	13 X 32	16 X 32	16 X 40	22 X 40	22 X 50	25 X 50							
4700			13 X 32	16 X 25	16 X 25	18 X 40	22 X 40	22 X 50	25 X 50								
10000			16 X 40	18 X 40	22 X 40	22 X 50	25 X 50										
22000			22 X 40	22 X 50	25 X 50												
40000					30 X 50												

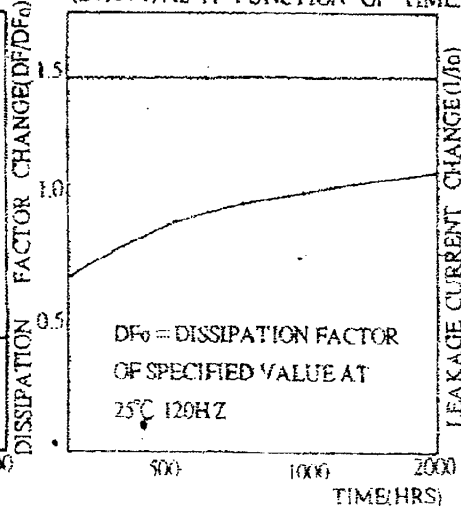
*SPECIAL SIZE & DESIGN AVAILABLE UPON REQUEST.

■ 85° LOAD LIFE

MULTIPLIER OF CAPACITANCE (C/C₀) AS A FUNCTION OF TIME.



MULTIPLIER OF DISSIPATION FACTOR (DF/DF₀) AS A FUNCTION OF TIME.



MULTIPLIER OF LEAKAGE CURRENT (I/I₀) AS A FUNCTION OF TIME.

