

RMR

105°C SUBMINIATURE RADIAL LEAD ALUMINUM ELECTROLYTIC CAPACITORS

SPECIFICATIONS

Capacitance Range:

0.47 Mfd. to 10,000 Mfd.

Voltage Range:

6.3WVDC to 450WVDC

Capacitance Tolerance:

± 20% (M) Standard

± 10% (K) Optional

Leakage Current:

≤ 0.002 CV or 2μA min. (≤ 100 WVDC)

≤ 0.002 CV + 10μA min. (≥ 160 WVDC)

Operating Temperature:

-40°C to +105°C

Storage Temperature:

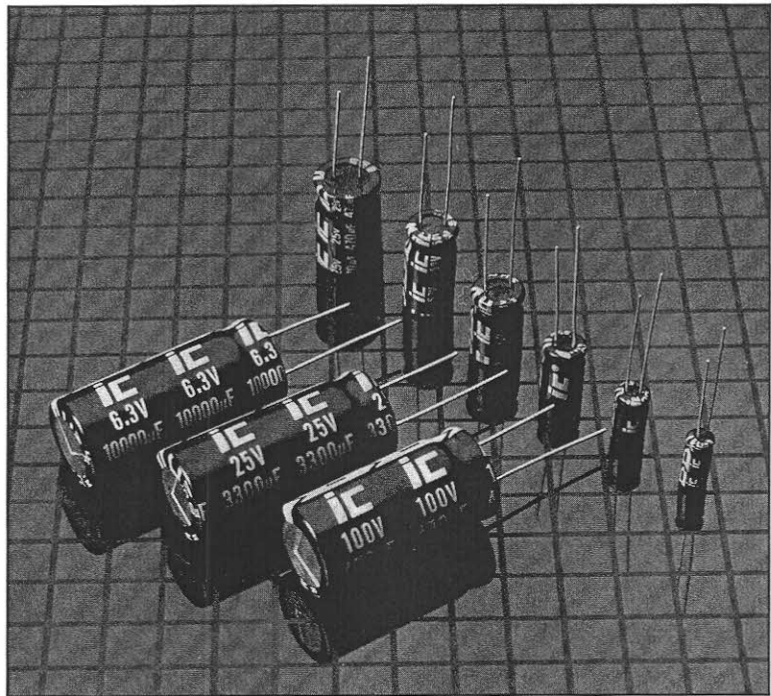
-55°C to +105°C

Solvent Tolerant Seal:

Standard (≤ 250 WVDC)

SPECIAL ORDER OPTIONS

- Epoxy End Seal
- Tape & Reel
- Tape—Ammo (flat) pack
- Polyester Sleeve
- Cut Leads
- Special Tolerances: ± 10% (K)



APPLICATIONS

ic type RMR provides the highest capacitance volume density available in a quality, top performance radial lead aluminum electrolytic. Featuring a +105°C electrolyte and high gain etched foil, type RMR provides the designer with excellent specifications that offer substantial reserves for long life designs. When derated below +105°C, operating life may surpass most components in the circuit. Small size, low leakage, and high temperature stability make RMR the cost effective choice for top quality designs and replacements.

ic®
ILLINOIS CAPACITOR, INC.

3757 W. Touhy Ave., Lincolnwood, Illinois 60645 • (708) 675-1760 • Telex 72-4361 • Fax (708) 673-2850

THE SOURCE FOR QUALITY, PERFORMANCE AND DELIVERY.



RMR

105°C Subminiature Radial Aluminum Electrolytic PHYSICAL DIMENSIONS

PHYSICAL DIMENSIONS: DIAMETER (D) x LENGTH (L) (inches/mm)

WV(SV) MFD.	6.3 (8)	10 (13)	16 (20)	25 (32)	35 (44)	50 (63)	63 (79)	80 (100)	100 (125)	160 (200)	250 (300)	350 (400)	450 (500)
0.47						.197 x .433 5.0 x 11.0							
1.0						.197 x .433 5.0 x 11.0			.197 x .433 5.0 x 11.0			.394 x .512 10.0 x 13.0	.394 x .630 10.0 x 16.0
1.5						.197 x .433 5.0 x 11.0							
2.2						.197 x .433 5.0 x 11.0			.197 x .433 5.0 x 11.0		.315 x .551 8.0 x 14.0	.394 x .630 10.0 x 16.0	.394 x .787 10.0 x 20.0
3.3						.197 x .433 5.0 x 11.0			.197 x .433 5.0 x 11.0		.315 x .551 8.0 x 14.0	.394 x .630 10.0 x 16.0	.512 x .787 13.0 x 20.0
4.7						.197 x .433 5.0 x 11.0	.197 x .433 5.0 x 11.0		.248 x .433 6.3 x 11.0	.315 x .551 8.0 x 14.0	.394 x .630 10.0 x 16.0	.394 x .787 10.0 x 20.0	.512 x .984 13.0 x 25.0
6.8						.197 x .433 5.0 x 11.0							
10						.197 x .433 5.0 x 11.0	.248 x .433 6.3 x 11.0		.315 x .453 8.0 x 11.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0
15					.197 x .433 5.0 x 11.0	.248 x .433 6.3 x 11.0			.315 x .453 8.0 x 11.5	.354 x .787 10.0 x 20.0	.492 x .787 12.5 x 20.0		
22			.197 x .433 5.0 x 11.0	.248 x .433 6.3 x 11.0	.248 x .433 6.3 x 11.0	.315 x .453 8.0 x 11.5			.394 x .492 10.0 x 12.5	.492 x .787 12.5 x 20.0	.492 x .984 12.5 x 25.0	.630 x 1.240 16.0 x 31.5	.709 x 1.398 18.0 x 35.5
33		.197 x .433 5.0 x 11.0	.248 x .433 6.3 x 11.0	.315 x .453 8.0 x 11.5	.315 x .453 8.0 x 11.5	.394 x .630 10.0 x 16.0	.394 x .630 10.0 x 16.0	.492 x .984 12.5 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0		
47	.197 x .433 5.0 x 11.0	.248 x .433 6.3 x 11.0	.315 x .453 8.0 x 11.5	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0		
68	.248 x .433 6.3 x 11.0	.315 x .453 8.0 x 11.5	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0			
100	.248 x .433 6.3 x 11.0	.315 x .453 8.0 x 11.5	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0			
150	.315 x .453 8.0 x 11.5	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0				
220	.315 x .453 8.0 x 11.5	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0				
330	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0					
470	.394 x .492 10.0 x 12.5	.394 x .630 10.0 x 16.0	.492 x .787 12.5 x 20.0	.492 x .787 12.5 x 20.0	.512 x .984 13.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.709 x 1.575 18.0 x 40.0					
680	.394 x .630 10.0 x 16.0	.394 x .787 10.0 x 20.0	.492 x .787 12.5 x 20.0	.492 x .984 12.5 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x 1.240 16.0 x 31.5	.709 x 1.398 18.0 x 35.5					
1,000	.394 x .787 10.0 x 20.0	.492 x .787 12.5 x 20.0	.492 x .984 12.5 x 25.0	.630 x .984 16.0 x 25.0	.630 x .984 16.0 x 25.0	.630 x 1.240 16.0 x 31.5	.709 x 1.398 18.0 x 35.5						
1,500	.492 x .984 12.5 x 25.0	.630 x .984 16.0 x 25.0	.630 x 1.240 16.0 x 31.5	.630 x 1.398 16.0 x 35.5	.709 x 1.575 18.0 x 40.0								
2,200	.492 x .984 12.5 x 25.0	.630 x .984 16.0 x 25.0	.630 x 1.398 16.0 x 35.5	.709 x 1.575 18.0 x 40.0									
3,300	.630 x .984 16.0 x 25.0	.630 x 1.240 16.0 x 31.5	.630 x 1.398 16.0 x 35.5	.630 x 1.240 16.0 x 31.5									
4,700	.630 x 1.240 16.0 x 31.5	.630 x 1.398 16.0 x 35.5	.709 x 1.398 18.0 x 35.5										
6,800	.630 x 1.398 16.0 x 35.5	.709 x 1.575 18.0 x 40.0											
10,000	.709 x 1.575 18.0 x 40.0												

NOTE: WV: Maximum rated DC working voltage @ +105°C. SV: Maximum rated DC surge voltage at +105°C.



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