

RS Series

Low profile applications.
Designed for use in VCR, Car stereos,
Micro-cassette tape recorders, Pocket calculators and Watches.

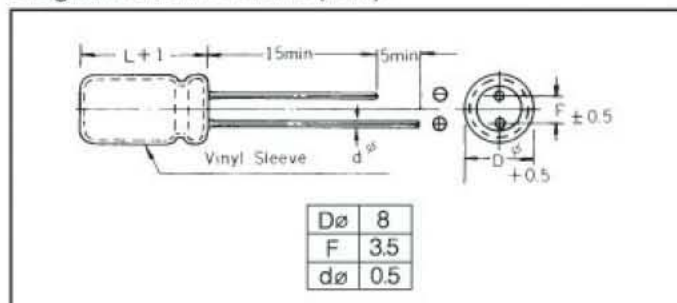


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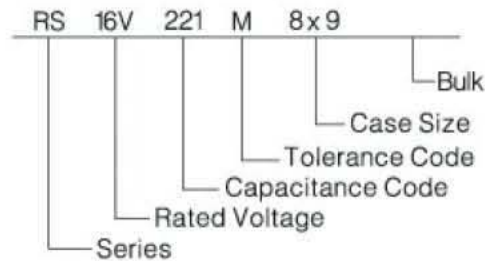
Characteristics

Voltage Range	6.3 ~ 50V						
Capacitance Range	47~470uF						
Temperature Range	-40 ~ +85°C						
Capacitance Tolerance	-20 ~ +20% (at 20°C, 120Hz)						
Leakage Current	I=0.01CV or 3uA Whichever is greater (After 2 minutes)						
Dissipation Factor (tan δ)	Rated voltage	6.3V	10V	16V	25V	35V	50V
	tan δ (max.)	0.24	0.20	0.16	0.14	0.12	0.10
	For capacitance >1000uF, add 0.02 for every 1000uF. (at 20°C, 120Hz)						
Low Temperature Stability	Impedance ratio at 120Hz						
	Rated voltage	6.3V	10V	16V	25V	35V	50V
	Z-25°C/Z 20°C	4	3	2	2	2	2
Z-40°C/Z 20°C	10	8	6	4	4	3	
Load Life	After 1000 hours application of rated voltage at 85°C the capacitor shall meet the following characteristics						
	Capacitance Range	Within ±20% of initial value					
	D.F. (tan δ)	150% or less of initial specified value					
	Leakage Current	Initial specified value or less					

Diagram of Dimensions (mm)



Part Numbering System



Case Size of Standard Products

WV uF	6.3	10	16	25	35	50
47						8x9
100					8x9	
150				8x9		
220			8x9			
330	8x9	8x9				
470	8x9					

Maximum E.S.R. (Ω20°C 120Hz)

Maximum Ripple Current (mA rms 85°C 120Hz)

WV uF	6.3		10		16		25		35		50	
	E.S.R.	I.R.	E.S.R.	I.R.	E.S.R.	I.R.	E.S.R.	I.R.	E.S.R.	I.R.	E.S.R.	I.R.
47											3.42	140
100									1.93	210		
150							1.65	230				
220					1.27	280						
330	1.17	250	0.96	300								
470	0.90	330										