

F5 Series

New generation of low profile sizing 5mm height
105°C 1000 hours.

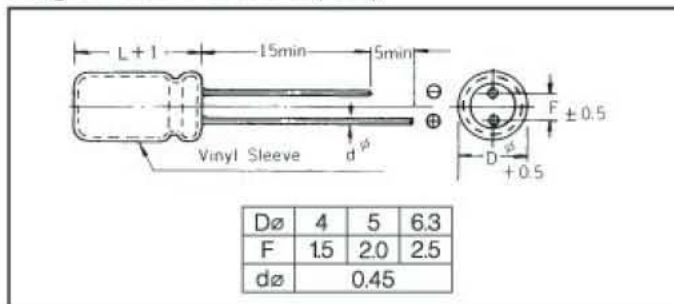


Dark Violet

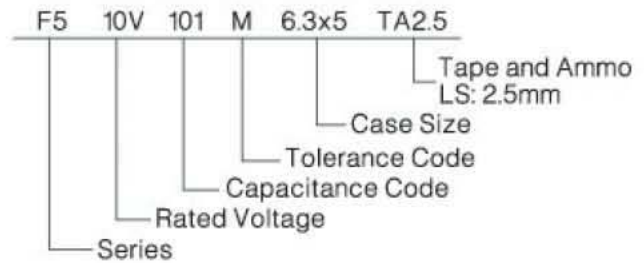
Characteristics

Voltage Range	4 - 50V								
Capacitance Range	0.1 - 220uF								
Temperature Range	-40 - +105°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	4V	6.3V	10V	16V	25V	35V	50V	(at 20°C, 120Hz)
	tan δ (max.)	0.35	0.24	0.20	0.16	0.14	0.12	0.10	
Low Temperature Stability	Impedance ratio at 120Hz								
	Rated voltage	4V	6.3V	10V	16V	25V	35V	50V	
	Z-25°C/Z 20°C	7	4	3	2	2	2	2	
Z-40°C/Z 20°C	15	10	8	6	4	4	3		
Load Life	After 1000 hours application of rated voltage at 105°C the capacitor shall meet the following characteristics								
	Capacitance Range	Within ±20% of initial value							
	D.F. (tan δ)	200% or less of initial specified value							
	Leakage Current	Initial specified value or less							

Diagram of Dimensions (mm)



Part Numbering System



Maximum E.S.R. (Ω20°C 120Hz)

Case Size of Standard Products DxL(mm)

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

WV uF	Case Size of Standard Products DxL(mm)							WV uF	Maximum Ripple Current (mA rms 85°C 120Hz)													
	4	6.3	10	16	25	35	50		4		6.3		10		16		25		35		50	
								ESR	IR	ESR	IR	ESR	IR	ESR	IR	ESR	IR	ESR	IR	ESR	IR	
0.1							4x5														1348	2
0.22							4x5														660	3
0.33							4x5														438	4
0.47							4x5														326	6
1							4x5														162	10
2.2							4x5														82.2	18
3.3							4x5														48.5	20
4.7					4x5	5x5	5x5														33.1	28
10				4x5	5x5	6.3x5																
22			4x5	5x5	6.3x5																	
33		4x5	5x5	5x5	6.3x5																	
47	4x5	5x5	5x5	6.3x5																		
100	5x5	6.3x5	6.3x5																			
220	6.3x5																					