Segmented Film Capacitors

RWSF Series

MERITEK

RoHS

PART NUMBERING **RWSF** **206** **-** **275** **W**

Meritek Series
*RWSF

Capacitance

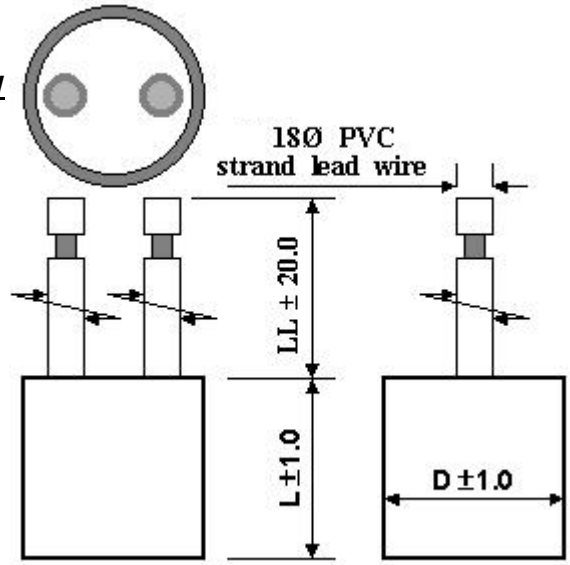
CODE	101	102	103	104	105	106
(pF)	100PF	F	PF	0PF		
(nF)	---	1	10	100	F	
(μF)	---	0.001Uf	0.01	0.1	1	10

Dash

Rated Voltage

CODE	275
	275V

CODE	W
	Lead Wire



(μF)	(%)	(VAC)	Test Voltage (VDC)		Outline Dimensions/mm			
Capacitance	Tolerance	Voltage	T-T	T-C	D	L	LL	Mold
20	± 5	275	700	2000	35.5	61	100	1-64,FU
30	± 5	275	700	2000	45.5	77	100	1-57,FU
40	± 5	275	700	2000	45.5	77	100	1-57,FU

SPECIFICATIONS:

1. UL FILE NO: E311150
2. OPERATING TEMPERATURE: -25 ℃ ~ + 85 ℃.
3. CAPACITANCE RANGE: 20.0, 30.0, 40.0 μF.
4. CAPACITANCE TOLERANCE: J = ± 5%
5. RATED WORKING VOLTAGE RANGE: 275 VAC 50/60 Hz.
6. WITHSTAND VOLTAGE TEST:
   (A): Dielectric strength test
   (TV): rated voltage x 175 % x 1.414 for VDC 1-5 Sec,
   (B): Between Terminals and Case
   (TC): rated voltage x 2 + 1000V (minimum 2000 V) for one minute at 25 ℃.
7. DISSIPATION FACTOR (DF): 0.5 % MAX. When measured at 1KHZ, 25 ℃.
8. INSULATION RESISTANCE (IR):
   (A) Between Terminals: Above 5000 ΩF, at 100VDC in 25 ℃.
   (B) Between Terminals and Case: Above 10000MΩ, at 500VDC in 25 ℃.
9. PERMISSIBLE OVERLOADS：
   (A) Voltage: At an r.m.s voltage between terminals not exceeding 110% the rated voltage.
   (B) Current: At an r.m.s current not exceeding 130% the current which occurs at rated sinusoidal voltage and rated frequency excluding transients. Taking into account the tolerance, the maximum permissible current can be up to 130% the rated current increased in proportion to the actual capacitance value compared with the rated capacitance value.
10. LIFE TEST (Continued): Rated voltage X 135%, 1000hours, in the + 85 ℃ chamber.
    ΔC/C in ± 5 %. DF≤0.5% .
11. Protected –P2 10,000 A. F. C. (Ampere Fault Current)
12. Film: Segmented Metallized Film.