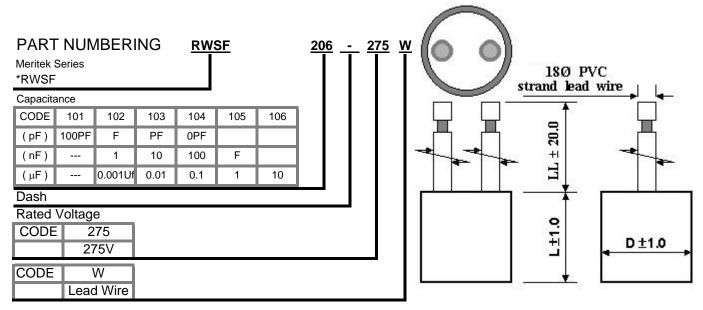
Segmented Film Capacitors





MERITEK



			Test Voltage					
(μF)	(%)	(VAC)	(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 $^{\circ}$ C ~ + 85 $^{\circ}$ C.
- 3. CAPACITANCE RANGE: 20.0, 30.0, 40.0 µF.
- 4. CAPACITANCE TOLERANCE: $J = \pm 5\%$
- 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 $^{\circ}$ C.
- 7. DISSIPATION FACTOR (DF): 0.5 % MAX. When measured at 1KHZ, 25 $^{\circ}$ C.
- 8. INSULATION RESISTANCE (IR):
 - (A) Between Terminals: Above 5000 Ω F, at 100VDC in 25 $^{\circ}$ C.
 - (B) Between Terminals and Case: Above 10000M Ω , at 500VDC in 25 $^{\circ}$ C.
- 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 $^{\circ}$ C chamber. Δ C/C in \pm 5 %. DF \leq 0.5% .
- 11. Protected -P2 10,000 A. F. C. (Ampere Fault Current)
- 12. Film: Segmented Metallized Film.