Segmented Film Capacitors



PAR Meritek *RWSF	Series	IBERI	NG	<u>RW</u>	<u>SF</u>		$\frac{206}{1} \frac{-}{1} \frac{275}{1} \frac{T2}{1}$	24.7 ± 0.5
Capacita	ance							
CODE	101	102	103	104	105	106		
(pF)	100PF	F	PF	0PF				0.8±0.1
(nF)		1	10	100	F			$\frac{6.35\pm0.3}{1.60} \qquad \qquad$
(µF)		0.001Uf	0.01	0.1	1	10		
Dash								/:5!/:5 ₽↓
Rated	Voltage	е						
CODE	2	75						10.05±0.1
	27	75V						
CODE	<u> </u>	Г2						16.7 ± 0.5
		erminal						

RoHS

(μF)	(%)	(VAC)	Test Voltage (VDC)		Outline Dimensions/mm			
Capacitance	< <i>i</i>	· /	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 $\,^\circ\!\!\mathbb{C}.$

- 7. DISSIPATION FACTOR (DF): 0.5 % MAX. When measured at 1KHZ, 25 $^\circ\!\!{\rm C}.$
- 8. INSULATION RESISTANCE (IR):
 - (A) Between Terminals: Above 5000 $\Omega\text{F},$ at 100VDC in 25 $^\circ\!\!\!\mathrm{C}.$
 - (B) Between Terminals and Case: Above 10000M\Omega, at 500VDC in 25 $^\circ\!\!{\rm C}.$
- 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≤0.5% .
- 11. Protected –P2 10,000 A. F. C. (Ampere Fault Current)
- 12. Film: Segmented Metallized Film.