

# Segmented Film Capacitors

(DMSF, FMSF, TMSF)



SF Series

MERITEK

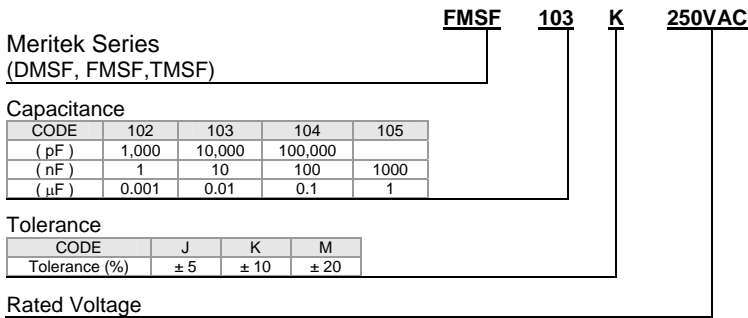
## FEATURES

- Segmented metallized film material, safety-compliant.
- High reliability, moisture resistance and excellent electrical characteristics.
- Low ESR
- Non-inductive construction available

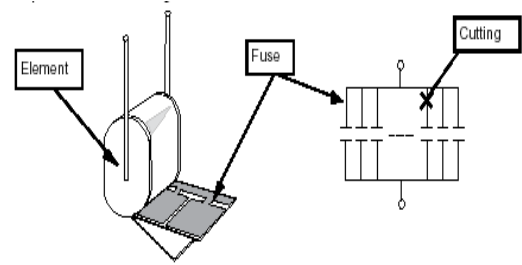
## SPECIFICATIONS

1. Operating temperature:  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
2. Capacitance range:  $0.001\mu\text{F}$  to  $0.47\mu\text{F}$
3. Capacitance tolerance:  $\pm 5\%$ (J),  $\pm 10\%$ (K),  $\pm 20\%$ (M)
4. Rated voltage: Up to 700VAC
5. Dissipation factor: 0.1% max. at 1KHz  $25^{\circ}\text{C}$
6. Insulation resistance:  $>30000\text{M}\Omega$  ( $C \leq 0.33\mu\text{F}$ )  
 $>1000\text{M}\Omega \cdot \mu\text{F}$  ( $C > 0.33\mu\text{F}$ )

## PART NUMBERING SYSTEM

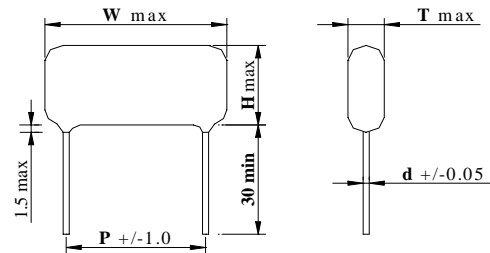


**Segmented Film capacitors** have a conventional winding structure with unique segmented metallized electrodes. These electrodes form a parallel connection of many small valued capacitors. Should dielectric breakdown occur due to over voltage, only the faulty small cap is disconnected resulting in an open circuit, thereby preventing the entire capacitor from burning.

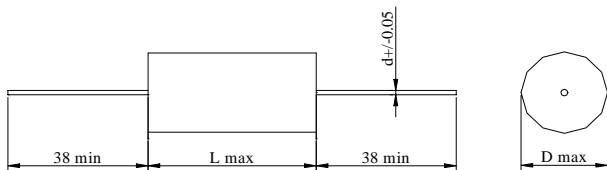
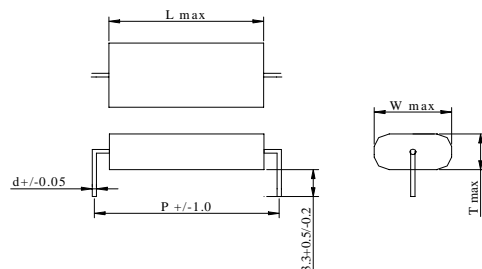


## Dimensions

mm				
W	L	T	P	d
XX	XX	XX	Xx	xx



## DMSF series



## TMSF series

## FMSF series