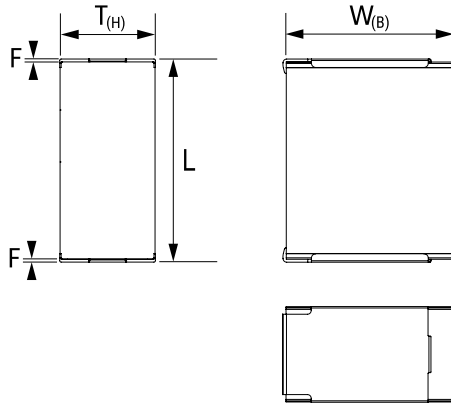


## SMC7.3183G250K35TR12

Aliases (F125SP183G250V, SMC100HK5180GK35T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.018 uF, 2%, 250 VDC, 160 VAC, 100°C, 2824, 3.5 mm



Note: '()' correspond to the letters used in the product bulletin

Click [here](#) for the 3D model.

### General Information

Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Shelf Life	104 Weeks
MSL	2

### Dimensions

Chip Size	2824
L	7.3mm +/-0.2mm
W	6mm +/-0.2mm
T	3.5mm +/-0.2mm
F	0.5mm NOM

### Packaging Specifications

Packaging	T&R
Packaging Quantity	2300

### Specifications

Capacitance	0.018 uF
Tolerance	2%
Voltage DC	250 VDC
Voltage AC	160 VAC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz
Insulation Resistance	30 GOhms
Max dV/dt	20 V/us

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