

## SMC5.7682J250J33TR12

Aliases (F125PP682J250V, SMC100HJ4680JJ33T1)

SMC/F125, Film, Metallized PPS, General Purpose, 6,800 pF, 5%, 250 VDC, 160 VAC, 100°C, 2220, 3 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
Typical Component Weight	0.421 g
Shelf Life	104 Weeks
MSL	2

### Dimensions

Chip Size	2220
L	5.7mm +/-0.2mm
W	5mm +/-0.2mm
T	3mm +/-0.2mm
F	0.5mm NOM

### Packaging Specifications

Packaging	T&R
Packaging Quantity	2400

### Specifications

Capacitance	6,800 pF
Tolerance	5%
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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