

## SMC10.2684J50A31TR16

Aliases (F125WP684J050V, SMC100ZA6680JA31T1)  
SMC/F125, Film, Metallized PPS, General Purpose, 0.68 uF, 5%, 50 VDC,  
30 VAC, 100°C, 5.5 mm, 4036 / 10091



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
Typical Component Weight	1.591 g
Shelf Life	104 Weeks
MSL	2

### Dimensions

L	10.2mm +/-0.2mm
W	9.1mm +/-0.2mm
T	5.5mm +/-0.2mm
F	0.5mm NOM
Case Code (EIA / mm)	4036 / 10091

### Packaging Specifications

Packaging	T&R
Packaging Quantity	800

### Specifications

Capacitance	0.68 uF
Tolerance	5%
Voltage DC	50 VDC
Voltage AC	30 VAC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz
Insulation Resistance	7.3529 GOhms
Max dV/dt	4 V/us

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