

SMC5.7683J50J35TR12

Aliases (F125PU683J050V, SMC100ZJ5680JJ35T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.068 uF, 5%, 30 VAC, 50 VDC, 100°C, 2220, 4mm



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

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

Dimensions

Chip Size	2220
L	5.7mm +/-0.2mm
W	5mm +/-0.2mm
T	4mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications

Packaging	T&R
Packaging Quantity	2100

General Information

Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Component Weight	0.481 g
Shelf Life	104 Weeks
MSL	2

Specifications

Capacitance	0.068 uF
Capacitance Tolerance	5%
Voltage AC	30 VAC
Voltage DC	50 VDC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	6 V/us