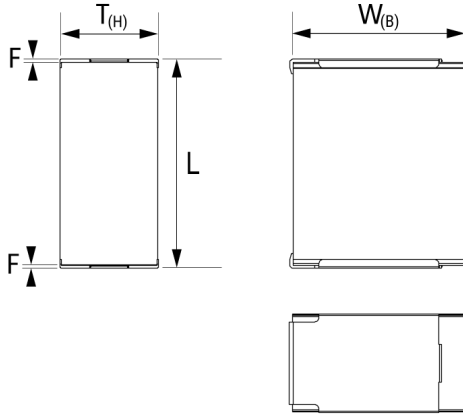


SMC7.3683J100K37TR12

Aliases (F125ST683J100V, SMC100DK5680JK37T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.068 uF, 5%, 63 VAC, 100 VDC, 100°C, 2824, 4.5mm



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

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

Dimensions

Chip Size	2824
L	7.3mm +/-0.2mm
W	6mm +/-0.2mm
T	4.5mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications

Packaging	T&R
Packaging Quantity	1700

General Information

Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Component Weight	0.594 g
Shelf Life	104 Weeks
MSL	2

Specifications

Capacitance	0.068 uF
Capacitance Tolerance	5%
Voltage AC	63 VAC
Voltage DC	100 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	15 V/us