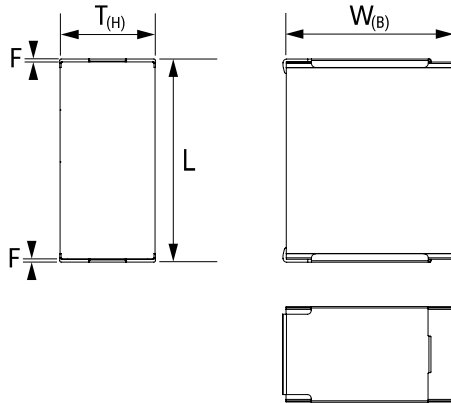


SMC7.3683J100K37TR12

Aliases (F125ST683J100V, SMC100DK5680JK37T1)

SMC/F125, Film, Metallized PPS, General Purpose, 0.068 uF, 5%, 100 VDC, 63 VAC, 100°C, 4.5 mm, 2824 / 7260



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	0.594 g
Shelf Life	104 Weeks
MSL	2

Dimensions

L	7.3mm +/-0.2mm
W	6mm +/-0.2mm
T	4.5mm +/-0.2mm
F	0.5mm NOM
Case Code (EIA / mm)	2824 / 7260

Packaging Specifications

Packaging	T&R
Packaging Quantity	1700

Specifications

Capacitance	0.068 uF
Tolerance	5%
Voltage DC	100 VDC
Voltage AC	63 VAC
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

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.