

**KEMET Part Number: SMC7.3683J100K37TR12**  
(F125ST683J100V, SMC100DK5680JK37T1)

Film, Metallized PPS, Commercial Grade, SMC/F125, 0.068 uF, 5%, 100 V, 63 V, 100C, 2824, 4.5mm



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

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	
Dielectric:	Metallized PPS
Style:	SMD Chip
Series:	SMC/F125
Features:	High Stability
RoHS:	Yes
Approvals:	AEC-Q200
AEC-Q200:	Yes

Specifications	
Capacitance:	0.068 uF
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Voltage AC:	63 V
Temperature Range:	-55/+125C
Rated Temperature:	100C
Dissipation Factor:	0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz
Insulation Resistance:	15 GOhms
Max dVdt:	15 V