

SMC16.5105J100C31TR24

Aliases (F125ZS105J100V, SMC100DC7100JC31T1)

SMC/F125, Film, Metallized PPS, General Purpose, 1 uF, 5%, 100 VDC, 63 VAC, 100°C, 6560, 7 mm



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	2.02 g
Shelf Life	104 Weeks
MSL	2

Dimensions

Chip Size	6560
L	16.5mm +/-0.2mm
W	15mm +/-0.2mm
T	7mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications

Packaging	T&R
Packaging Quantity	500

Specifications

Capacitance	1 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, 0.6% 100kHz
Insulation Resistance	5 GOhms
Max dV/dt	3 V/us

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