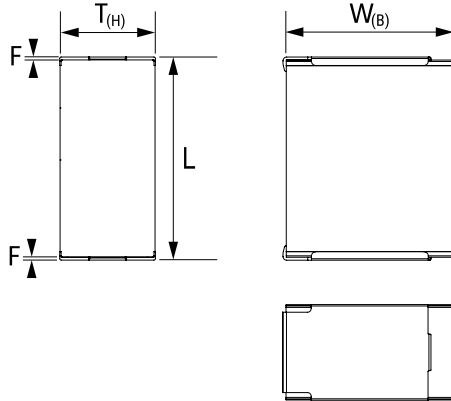


## SMC16.5105J100C31TR24

Aliases (F125ZS105J100V, SMC100DC7100JC31T1)  
SMC/F125, Film, Metallized PPS, General Purpose, 1 uF, 5%, 100 VDC, 63 VAC, 100°C, 7 mm, 6560 / 165152



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
Typical Component Weight	2.02 g
Shelf Life	104 Weeks
MSL	2

Dimensions	
L	16.5mm +/-0.2mm
W	15mm +/-0.2mm
T	7mm +/-0.2mm
F	0.5mm NOM
Case Code (EIA / mm)	6560 / 165152

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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