

SMC16.5225J50C31TR24

Aliases (F125ZS225J050V, SMC100ZC7220JC31T1)

SMC/F125, Film, Metallized PPS, General Purpose, 2.2 uF, 5%, 30 VAC, 50 VDC, 100°C, 6560, 7mm



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

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

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

General Information

Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Typical Component Weight	3.86 g
Shelf Life	104 Weeks
MSL	2

Specifications

Capacitance	2.2 uF
Capacitance Tolerance	5%
Voltage AC	30 VAC
Voltage DC	50 VDC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.3% 10kHz
Insulation Resistance	2.2727 GOhms
Max dV/dt	2 V/us