

SMC16.5225G50C31TV44

Aliases (F125ZS225G050Y)

SMC/F125, Film, Metallized PPS, General Purpose, 2.2 uF, 2%, 50 VDC, 30 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	9.65 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, Vertical Orientation
Packaging Quantity	200

Specifications

Capacitance	2.2 uF
Tolerance	2%
Voltage DC	50 VDC
Voltage AC	30 VAC
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

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