



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	1.683 g
Shelf Life	104 Weeks
MSL	2

**Dimensions**

Chip Size	5045
L	12.7mm +/-0.2mm
W	11.5mm +/-0.2mm
T	6.5mm +/-0.2mm
F	0.5mm NOM

**Packaging Specifications**

Packaging	T&R
Packaging Quantity	600

**Specifications**

Capacitance	0.47 uF
Capacitance Tolerance	2%
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	10.6383 GOhms
Max dV/dt	5 V/us

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