



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

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

### 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

### General Information

Series	F161
Dielectric	Metallized Polyester Stacked
Style	SMD Chip
Features	Automotive Grade
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	1.683 g
Shelf Life	104 Weeks
MSL	3

### Specifications

Capacitance	4.7 uF
Capacitance Tolerance	10%
Voltage AC	30 VAC
Voltage DC	50 VDC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.5% 10kHz
Insulation Resistance	85 MOhms
Max dV/dt	8 V/us