



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

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

#### General Information

Series	F161
Dielectric	Metallized Polyester Stacked
Style	SMD Chip
Features	Automotive Grade
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.465 g
Shelf Life	104 Weeks
MSL	3

#### Dimensions

Chip Size	2824
L	7.3mm +/-0.2mm
W	6mm +/-0.2mm
T	3.5mm +/-0.2mm
F	0.5mm NOM

#### Packaging Specifications

Packaging	T&R
Packaging Quantity	2300

#### Specifications

Capacitance	0.47 uF
Tolerance	20%
Voltage DC	50 VDC
Voltage AC	30 VAC
Temperature Range	-55/+125°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 3% 100kHz
Insulation Resistance	851 MOhms
Max dV/dt	25 V/us

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