



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

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

#### General Information

Series	SMP253 250 VAC
Dielectric	Metallized Paper
Style	SMD Chip
RoHS	Yes
Termination	Tin
Safety Class	Y2
Qualifications	ENEC, cULus
AEC-Q200	Yes
Typical Component Weight	1.6 g
Notes	Recommended Replacement <a href="https://www.kemet.com/en/us/product/SMP253EA4150MB31TR24.html">https://www.kemet.com/en/us/product/SMP253EA4150MB31TR24.html</a> .

#### Dimensions

Chip Size	5045
L	12.7mm +0.4mm
W	11.5mm +0.6mm
T	6.5mm +0.4mm
F	0.5mm NOM

#### Packaging Specifications

Packaging	T&R
Packaging Quantity	600

#### Specifications

Capacitance	1500 pF
Capacitance Tolerance	20%
Voltage DC	1500 VDC
Voltage AC	250 VAC
Temperature Range	-40/+100°C
Rated Temperature	100°C
Dissipation Factor	1.3% 1kHz
Insulation Resistance	12 GOhms
Max dV/dt	2000 V/us

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