



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

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

### 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, Vertical Orientation

Packaging Quantity 400

### 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 <https://www.kemet.com/en/us/product/SMP253EA4220MB31TV24.html>.

### Specifications

Capacitance 2200 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