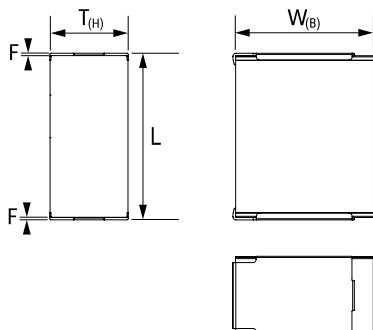


**KEMET Part Number: SMP253MA4100MBULK**  
(P101AA102M250A)



SMP253/P101, Film, Metallized Paper, Safety, 1000 pF, 20%, 250 VAC, 250 VDC, 100°C, 5045, 6.5mm



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

**Dimensions**

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

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	1000

**General Information**

<b>Series:</b>	SMP253/P101
<b>Dielectric:</b>	Metallized Paper
<b>Style:</b>	SMD Chip
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Safety Class:</b>	Y2
<b>Qualifications:</b>	ENEC, cULus
<b>AEC-Q200:</b>	No

**Specifications**

<b>Capacitance:</b>	1000 pF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage AC:</b>	250 VAC
<b>Voltage DC:</b>	250 VDC
<b>Temperature Range:</b>	-40/+100°C
<b>Rated Temperature:</b>	100°C
<b>Dissipation Factor:</b>	1.3% 1kHz
<b>Insulation Resistance:</b>	12 GOhms
<b>Max dV/dt:</b>	2000 V/us

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