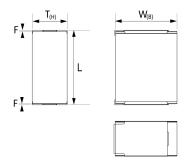


SMP253MA4100MTV24

Aliases (P101AA102M250Y)

Recommended Replacement SMP253EA4100MB31TV24

SMP253 250 VAC, Film, Metallized Paper, Automotive Safety, 1000 pF, 20%, 1500 VDC, 250 VAC, 100°C, 5045, 6.5mm



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	
Т	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/SMP253EA4100MB31TV24.html.	

Specifications	
Capacitance	1000 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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