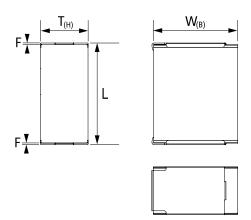


SMP253EA4100MB31TV24

Aliases (P101YR102M300Y) SMP253 300 VAC, Film, Metallized Paper, Automotive Safety, 1,000 pF, 20%, 1,500 VDC, 300 VAC, 110°C, 5026, 11.5 mm



General Information	
Series	SMP253 300 VAC
Dielectric	Metallized Paper
Style	SMD Chip
RoHS	Yes
Termination	Tin
Safety Class	Y2
AEC-Q200	Yes
Typical Component Weight	1.6 g

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

Click here for the 3D model.

Dimensions	
Chip Size	5026
L	12.7mm +0.4mm
W	6.5mm +0.6mm
Т	11.5mm +0.4mm
F	0.5mm NOM

Packaging Specifications	
Packaging	T&R, Vertical Orientation
Packaging Quantity	400

Specifications		
Capacitance	1,000 pF	
Tolerance	20%	
Voltage DC	1500 VDC	
Voltage AC	300 VAC	
Temperature Range	-40/+110°C	
Rated Temperature	110°C	
Dissipation Factor	1.3% 1kHz	
Insulation Resistance	12 GOhms	
Max dV/dt	2,000 V/us	

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