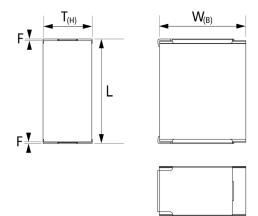


SMP253MA4470MTV24

Aliases (P101AA472M250Y)

SMP253/P101, Film, Metallized Paper, Automotive Safety, 4700 pF, 20%, 250 VAC, 1500 VDC, 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 +/-0.2mm
W	11.5mm +/-0.2mm
Т	6.5mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications

Packaging 7 Packaging Quantity 4

T&R, Vertical Orientation 400

General Information	
Series	SMP253/P101
Dielectric	Metallized Paper
Style	SMD Chip
RoHS	Yes
Termination	Tin
Safety Class	Y2
Qualifications	ENEC, cULus
AEC-Q200	Yes
THB Performance	No
Component Weight	1.6 g

Specifications		
Capacitance	4700 pF	
Capacitance Tolerance	20%	
Voltage AC	250 VAC	
Voltage DC	1500 VDC	
Temperature Range	-40/+100°C	
Rated Temperature	100°C	
Dissipation Factor	1.3% 1kHz	
Insulation Resistance	12 GOhms	
Max dV/dt	2000 V/us	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.