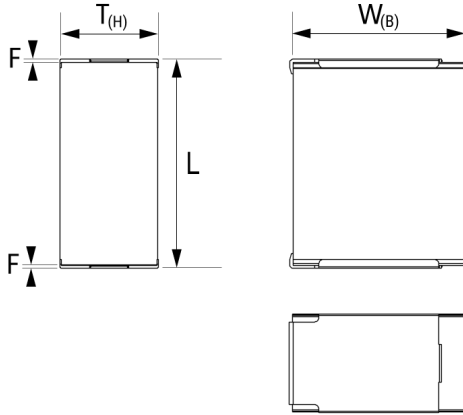


SMP253MA4250MTR24

Aliases (P101AA252M250V)

Recommended Replacement SMP253EA4250MB31TR24

SMP253 250 VAC, Film, Metallized Paper, Automotive Safety, 2500 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
T	6.5mm +0.4mm
F	0.5mm NOM

Packaging Specifications

Packaging	T&R
Packaging Quantity	600

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

Specifications

Capacitance	2500 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