

## SMP255FA5270MB31TV24

Aliases (P106YR273M310Y)

SMP255, Film, Metallized Paper, Automotive Safety, 0.027 uF, 20%, 630 VDC, 310 VAC, 125°C, 5026, 6.5 mm



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

Click [here](#) for the 3D model.

### General Information

Series	SMP255
Dielectric	Metallized Paper
Style	SMD Chip
RoHS	Yes
Termination	Tin
Safety Class	X2
AEC-Q200	Yes

### Dimensions

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

### Packaging Specifications

Packaging	T&R, Vertical Orientation
Packaging Quantity	400

### Specifications

Capacitance	0.027 uF
Tolerance	20%
Voltage DC	630 VDC
Voltage AC	310 VAC
Temperature Range	-40/+125°C
Rated Temperature	125°C
Dissipation Factor	1.3% 1kHz
Insulation Resistance	12 GOhms
Max dV/dt	1,200 V/us

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