

## SMC10.2563J250A31TR16

Aliases (F125WP563J250V, SMC100HA5560JA31T1)  
SMC/F125, Film, Metallized PPS, General Purpose, 0.056 uF, 5%, 250 VDC,  
160 VAC, 100°C, 5.5 mm, 4036 / 10091



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

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

### General Information

Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
Typical Component Weight	1.262 g
Shelf Life	104 Weeks
MSL	2

Dimensions	
L	10.2mm +/-0.2mm
W	9.1mm +/-0.2mm
T	5.5mm +/-0.2mm
F	0.5mm NOM
Case Code (EIA / mm)	4036 / 10091

  

Packaging Specifications	
Packaging	T&R
Packaging Quantity	800

Specifications	
Capacitance	0.056 uF
Tolerance	5%
Voltage DC	250 VDC
Voltage AC	160 VAC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz
Insulation Resistance	30 GOhms
Max dV/dt	10 V/us

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