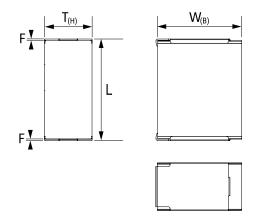


SMC5.7103J50J31TR12 Aliases (F125PL103J050V, SMC100ZJ5100JJ31T1)

Obsolete SMC/F125, Film, Metallized PPS, General Purpose, 0.01 uF, 5%, 50 VDC, 30 VAC, 100°C, 2220, 2.5 mm



General Information	
Series	SMC/F125
Dielectric	Metallized PPS
Style	SMD Chip
Features	High Stability
RoHS	Yes
AEC-Q200	No
Typical Component Weight	0.326 g
Shelf Life	104 Weeks
MSL	2

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

## Dimensions

Dimensions	
Chip Size	2220
L	5.7mm +/-0.2mm
W	5mm +/-0.2mm
т	2.5mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	3100	

Specifications	
Capacitance	0.01 uF
Tolerance	5%
Voltage DC	50 VDC
Voltage AC	30 VAC
Temperature Range	-55/+125°C
Rated Temperature	100°C
Dissipation Factor	0.15% 1kHz, 0.25% 10kHz, 0.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	20 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.