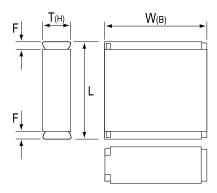
## KEMET Part Number: SMC12.7105J50B31TR24

(F125YR105J050V, SMC100ZB7100JB31T1)



Film, Metallized PPS, Commercial Grade, SMC/F125, 1 uF, 5%, 50 V, 30 V, 100C, 5045, 6.5mm



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

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:	T&R	
Packaging Quantity:	600	

General Information		
Dielectric:	Metallized PPS	
Style:	SMD Chip	
Series:	SMC/F125	
Features:	High Stability	
RoHS:	Yes	
Approvals:	AEC-Q200	
AEC-Q200:	Yes	

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	5%
Voltage DC:	50 VDC
Voltage AC:	30 V
Temperature Range:	-55/+125C
Rated Temperature:	100C
Dissipation Factor:	0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz
Insulation Resistance:	5 GOhms
Max dVdt:	3 V

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