

**KEMET Part Number: SMC16.5105H100C31TV44**  
(F125ZS105R100Y)

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SMC/F125, Film, Metallized PPS, General Purpose, 1 uF, 2.5%, 63 VAC, 100 VDC, 100°C, 6560, 7mm



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

Dimensions	
Chip Size	6560
L	16.5mm +/-0.2mm
W	15mm +/-0.2mm
T	7mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications	
Packaging:	T&R, Vertical Orientation
Packaging Quantity:	200

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

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	2.5%
Voltage AC:	63 VAC
Voltage DC:	100 VDC
Temperature Range:	-55/+125°C
Rated Temperature:	100°C
Dissipation Factor:	0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz
Insulation Resistance:	5 GOhms
Max dV/dt:	3 V/us

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