

KEMET Part Number: SMC10.2683G50A31TV24
(F125WP683G050Y)

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SMC/F125, Film, Metallized PPS, General Purpose, 0.068 uF, 2%, 30 VAC, 50 VDC, 100°C, 4036, 5.5mm



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

Dimensions

Dimensions	
Chip Size	4036
L	10.2mm +/-0.2mm
W	9.1mm +/-0.2mm
T	5.5mm +/-0.2mm
F	0.5mm NOM

Packaging Specifications

Packaging:	T&R, Vertical Orientation
Packaging Quantity:	500

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:	0.068 uF
Capacitance Tolerance:	2%
Voltage AC:	30 VAC
Voltage DC:	50 VDC
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:	4 V/us

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