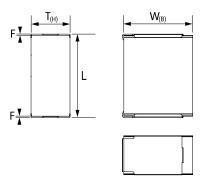
## KEMET Part Number: SMC10.2684G50A31TV24

(F125WP684G050Y)



SMC/F125, Film, Metallized PPS, General Purpose, 0.68 uF, 2%, 30 VAC, 50 VDC, 100°C, 4036, 5.5mm



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

Dimensions		
Chip Size	4036	
L	10.2mm +/-0.2mm	
W	9.1mm +/-0.2mm	
Т	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:	0.68 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, 0.6% 100kHz	
Insulation Resistance:	7.3529 GOhms	
Max dV/dt:	4 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.



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