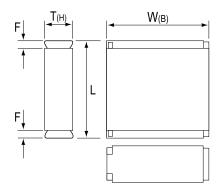
## KEMET Part Number: SMC10.2 684J50A31 TR16

(F125WP684J050V, SMC100ZA6680JA31T1)



## Capacitor, Film, Metallized PPS, 0.68 uF, +/-5% Tol, General Purpose, 50 VDC@100C



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

Dimensions (mm)			
Symbol	Dimension	Tolerance	
L	10.2	+/-0.2	
W	9.1	+/-0.2	
Т	5.5	+/-0.2	
F	0.5	NOM	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	Standard	
Package Quantity:	800	

General Information		
Supplier:	KEMET	
Dielectric:	Metallized PPS	
Application:	General Purpose	
Sub Application:	HighStability	
Style:	Surface Mount	
Chip Size:	4036	
Features:	High Stability	
RoHS:	Yes	

Specifications		
Capacitance:	0.68 uF	
Voltage:	50 VDC	
Tolerance:	+/-5%	
Voltage AC:	30 VAC	
Rated Temperature:	100C	
Temperature Range:	-55/+125C	
Dissipation Factor @ 1 kHz:	0.15%	
Dissipation Factor @ 10 kHz:	0.25%	
Dissipation Factor @ 100kHz:	0.6%	
Insulation Resistance:	7.35 GOhm	
Maximum dVdT:	4 v/us	

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