

**KEMET Part Number: SMC10.2 684J50A31 TR16**  
(F125WP684J050V, SMC100ZA6680JA31T1)

Capacitor, film, 0.68 uF, +/-5% Tol, General Purpose, 50 VDC@125C



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
T	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
RoHS:	Yes

Specifications	
Capacitance:	0.68 uF
Voltage:	50 VDC
Tolerance:	+/-5%
Voltage AC:	30 VAC
Rated Temperature:	125C
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