

KEMET Part Number: SMR5102J50J01L16.5CBULK
(F211JF102J050ALG5C)

Capacitor, Film, Metallized PPS, 1000 pF, +/-5% Tol, -55/+150C, General Purpose, 50 VDC@125C, Lead Spacing=5 mm



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.2	MAX
H	6.5	MAX
T	2.5	MAX
S	5	+/-0.4
LL	16.5	+0.5
G	0.5	NOM
F	0.5	+/-0.05

Notes:
-Case Size = JF

General Information	
Supplier:	KEMET
Dielectric:	Metallized PPS
Application:	General Purpose
Style:	Radial Box
Lead Form:	Wire Leads
RoHS:	Yes

Specifications	
Capacitance:	1000 pF
Voltage:	50 VDC
Tolerance:	+/-5%
Voltage AC:	30 VAC
Rated Temperature:	125C
Temperature Range:	-55/+150C
Dissipation Factor @ 1 kHz:	0.15%
Dissipation Factor @ 10 kHz:	0.25%
Dissipation Factor @ 100kHz:	0.6%
Insulation Resistance:	15 GOhm
Maximum dVdT:	40 v/us
Miscellaneous:	The rated voltage decreases 2%/C between +125C and +150C

Packaging Specifications	
Package Kind:	Bulk
Package Quantity:	2000