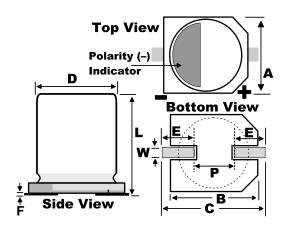
KEMET Part Number: EXV105M050A9BAA



Capacitor, aluminum, 1 uF, +/-20% Tol, 50 VDC@105C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	4	+/-0.5	
L	5.4	+0.25/-0.1	
Α	4.3	+/-0.2	
В	4.3	+/-0.2	
С	5.5	MAX	
W	0.65	+/-0.1	
E	1.8	+/-0.2	
Р	1	+/-0.2	
F	0.3	MAX	

Packaging Specifications		
Package Kind:	T&R	
Package Size:	380mm	
Package Quantity:	2000	

General Information		
Supplier:	KEMET	
Application:	105C Low Z	
Hi Temp Solder:	Yes	
Part Type Description:	Surface Mount Aluminum Electrolytic	
Lead Type:	V-Chip	
RoHS:	Yes	

Specifications		
Capacitance:	1 uF	
Voltage:	50 VDC	
Tolerance:	+/-20%	
Voltage:	63 VDC (Surge)	
Rated Temperature:	105C	
Temperature Range:	-40/+105C	
Life:	3000 Hrs	
Leakage Current:	3 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	12%	
Impedance Ratio -25C:	2.0	
Impedance Ratio -40C:	3.0	
Resistance/ESR:	5 Ohms (100kHz)	
Current/Ripple Current:	42 mAmps (120Hz)	
Current/Ripple Current:	84 mAmps (120Hz 85C)	
Current/Ripple Current:	60 mAmps (100kHz)	

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.

