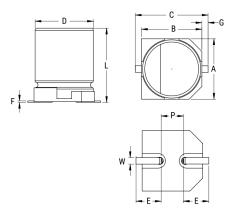
## **KEMET Part Number: EDK105M050A9BAA**



## EDK, Aluminum Electrolytic, 1 uF, 20%, 50 VDC, -40/+85°C



Dimensions		
D	4mm +/-0.5mm	
L	5.4mm +0.25/-0.1mm	
W	0.65mm +/-0.1mm	
F	0.3mm MAX	
Α	4.3mm +/-0.2mm	
В	4.3mm +/-0.2mm	
С	5.5mm MAX	
E	1.8mm +/-0.2mm	
G	0.35mm +0.15/-0.2mm	
Р	1mm +/-0.2mm	

Packaging Specifications		
Packaging:	T&R, 380mm	
Packaging Quantity:	2000	

General Information		
Series:	EDK	
Dielectric:	Aluminum Electrolytic	
Style:	SMD Can	
Description:	Surface Mount, Aluminum Electrolytic	
RoHS:	Yes	
Lead:	V-Chip	
AEC-Q200:	No	

Specifications		
Capacitance:	1 uF	
Capacitance Tolerance:	20%	
Voltage DC:	50 VDC, 63 VDC (Surge)	
Temperature Range:	-40/+85°C	
Rated Temperature:	85°C	
Life:	2000 Hrs	
Dissipation Factor:	12%	
Ripple Current:	10 mAmps (120Hz), 13.6 mAmps (120Hz 50C)	
Leakage Current:	3 uA (2min 20°C)	
Impedance Ratio at -25C:	2	
Impedance Ratio at -40C:	3	
High Temperature Solder:	Yes	

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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