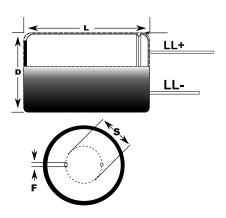
KEMET Part Number: ESY107M025AE3AA

(SY107M025AE3AAPLP)



Capacitor, aluminum, 100 uF, +/-20% Tol, -40/+105C, 25VDC@105° C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	6	+0.8/-0.5	
L	11	+1.5	
S	2.5	+/-0.5	
LLPos	20	MIN	
LLNeg	15	MIN	
F	0.5		

Packaging Specifications		
Package Kind:	Bulk	
Package Quantity:	10000	

General Information		
Supplier:	KEMET	
Part Type Description:	Radial Cylindrical Aluminum Electrolytic	
Style:	Radial Cylindrical	
Lead Type:	Straight	

Specifications		
Capacitance:	100 uF	
Tolerance:	+/-20%	
Rated Temperature:	105° C	
Voltage @ rated temp:	25VDC	
VDC Surge:	32VDC	
Life @ rated temp:	2000 Hrs	
RoHS:	Yes	
Low Z/ESR:	Yes	
Temperature Range:	-40/+105C	
Leakage Condition:	2min/20c	
Dissipation Factor:	14%	
Impedance @ 100kHz:	130 mOhm	
Impedance Ratio -25C:	2.0	
Impedance Ratio -40C:	3.0	
Ripple 120Hz @ rated temp:	0.287 A	
Ripple 1kHz @ rated temp:	0.3485 A	
Ripple 10kHz @ rated temp:	0.3895 A	
Ripple 100kHz @ rated temp:	0.41 A	

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