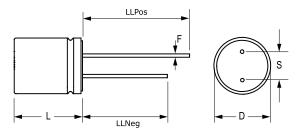
KEMET Part Number: A759MS825M2EAAE458



Capacitor, Aluminum, 8.2 uF, +/-20% Tol, -55/+125C, 250 VDC@125C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	10	+/-0.5	
L	12	+/-1	
S	5	+/-0.5	
LLPos	19	MIN	
LLNeg	15	MIN	
F	0.6	+/-0.5	

Packaging Specifications		
Package Kind:	Bulk	
Package Type:	Bag	

General Information		
Supplier:	KEMET	
Application:	125C Polymer	
Part Type Description:	Single Ended, Polymer Aluminum	
Lead Type:	Wire Leads	
RoHS:	Yes	

Specifications		
Capacitance:	8.2 uF	
Voltage:	250 VDC	
Tolerance:	+/-20%	
Voltage:	287.5 VDC (Surge)	
Life:	2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)	
Rated Temperature:	125C	
Temperature Range:	-55/+125C	
Leakage Current:	307.5 uA	
Leakage Condition:	uAmps (2min 20C)	
Dissipation Factor:	12%	
Impedance Ratio -25C:	1.25	
Impedance Ratio -55C:	1.25	
Resistance/ESR:	458 mOhms (100kHz 20C)	
Current/Ripple Current:	0.95 mAmps (100kHz 105C)	
Current/Ripple Current:	0.315 mAmps (100kHz 125C)	

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