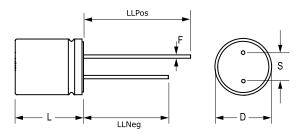
## KEMET Part Number: A759MS825M2EAAE458



## Polymer Aluminum, 125C LowZ, A759, 8.2 uF, 20%, 250 V, -55/+125C, Lead Spacing = 5mm



Dimensions		
D	10mm +/-0.5mm	
L	12mm +/-1mm	
S	5mm +/-0.5mm	
LL Negative	15mm MIN	
LL Positive	19mm MIN	
F	0.6mm +/-0.5mm	

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	250	

General Information		
Dielectric:	Polymer Aluminum	
Series:	A759	
Description:	Single Ended, Polymer Aluminum	
RoHS:	Yes	
Lead:	Wire Leads	

Specifications	
Capacitance:	8.2 uF
Capacitance Tolerance:	20%
Voltage DC:	250 VDC, 287.5 VDC (Surge)
Temperature Range:	-55/+125C
Rated Temperature:	125C
Life:	2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Dissipation Factor:	12% 120Hz 20C
Resistance:	458 mOhms (100kHz 20C)
Current:	950 mAmps (100kHz 105C), 315 mAmps (100kHz 125C)
Leakage Current:	307.5 uA (2min 20C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25

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