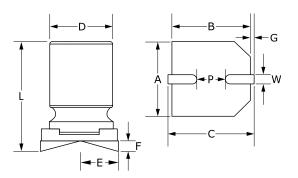
## **KEMET Part Number: A765KN827M0ELAE012**



## A765, Polymer Aluminum, 105C LowZ, 820 uF, 20%, 2.5 VDC, -55/+105C



General Information	
Supplier:	KEMET
Series:	A765
Dielectric:	Polymer Aluminum
Style:	SMD Can
Description:	Surface Mount, Polymer Aluminum
RoHS:	Yes
Lead:	V-Chip

Dimensions	
D	8mm +/-0.5mm
L	9.7mm +/-0.3mm
W	0.8 - 1.1mm
F	0.2mm MAX
Α	8.3mm +/-0.2mm
В	8.3mm +/-0.2mm
С	9mm +/-0.2mm
E	2.9mm +/-0.2mm
G	0.35mm +/-0.2mm
Р	3.2mm +/-0.2mm

Specifications	
Capacitance:	820 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC, 2.9 VDC (Surge)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Life:	2000 Hrs
Resistance:	12 mOhms (100kHz 20C)
Ripple Current:	4880 mAmps (100kHz 105C)
Leakage Current:	410 uA (2min 20C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25
High Temperature Solder:	No

Packaging Specifications		
Packaging:	T&R, 380mm	
Packaging Quantity:	500	

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