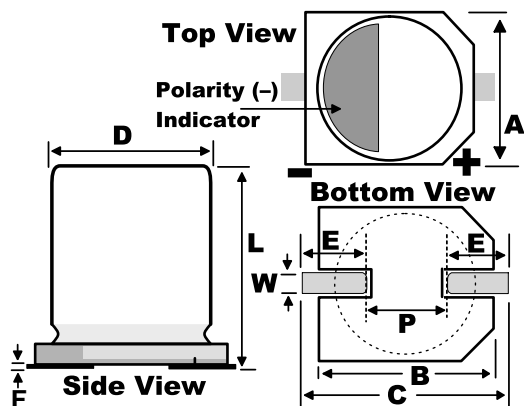


**KEMET Part Number: A765KN158M0ELAE010**  
(KCS2R5M152SMD8LA9.7)

Polymer Aluminum, 105C LowZ, KEMET, A765, 1500 uF, 20%, 2.5 V, -55/+105C



**Dimensions**

D	8mm +/-0.5mm
L	9.7mm +/-0.3mm
W	0.8mm +0.3mm
A	8.3mm +/-0.2mm
B	8.3mm +/-0.2mm
C	9mm +/-0.2mm
E	2.9mm NOM
P	3.2mm NOM

**Packaging Specifications**

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

**General Information**

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

**Specifications**

Capacitance:	1500 uF
Capacitance Tolerance:	20%
Voltage DC:	2.5 VDC, 2.9 VDC (Surge)
Temperature Range:	-55/+105C
Rated Temperature:	105C
Life:	2000 Hrs
Resistance:	10 mOhms (100kHz 20C)
Current:	3400 mAmps (100kHz 105C)
Impedance Ratio at -25C:	1.25
Impedance Ratio at -55C:	1.25