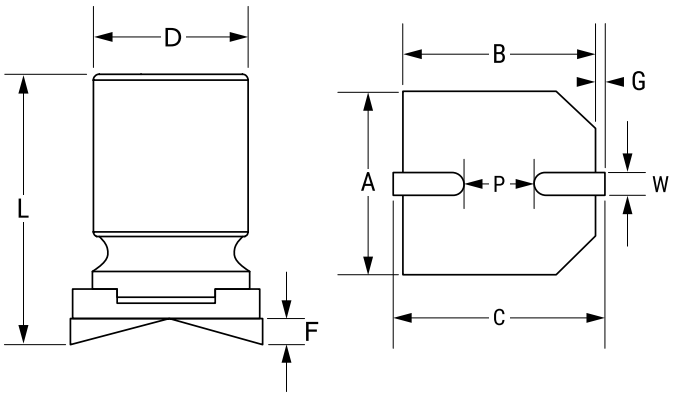
A765KN827M0JLAE010

A765, Aluminum, Polymer Aluminum, 820 uF, 20%, 6.3 VDC, -55/+105°C



Click here for the 3D model.

General Information	
Series	A765
Dielectric	Polymer Aluminum
Style	SMD Can
Description	Surface Mount, Polymer Aluminum
RoHS	Yes
Lead	V-Chip
AEC-Q200	No
Halogen Free	Yes

Dimensions	
D	8mm +/-0.5mm
L	9.7mm +/-0.3mm
W	0.8 - 1.1mm
F	0.2mm MAX
A	8.3mm +/-0.2mm
B	8.3mm +/-0.2mm
C	9mm +/-0.2mm
G	0.35mm +/-0.2mm
P	3.2mm +/-0.2mm

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

Specifications	
Capacitance	820 uF
Tolerance	20%
Voltage DC	6.3 VDC, 7.2 VDC (Surge)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs
ESR	10 mOhms (100kHz 20C)
ESR	10 mOhms
Ripple Current	3350 mAmps (100kHz 105C)
High Temperature Solder	Yes
Leakage Current	1033 uA (2min 20°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

© 2006 - 2025 YAGEO