

# 337UER016MFH

RADIAL LEAD ALUMINUM POLYMER CAPACITORS

Parts are RoHS compliant

## ELECTRICAL SPECIFICATIONS

**Capacitance:** 330  $\mu$ F  
**Dissipation Factor:** 0.1 Max at 120 Hz and 20°C  
**Temperature Range:** -55°C to +105°C  
**ESR:** 0.5 Ohms Max at 20°C and 120 Hz  
**Impedance:** N/A

**Tolerance:** -20 %, +20 %  
**WVDC:** 16 Volts DC  
**SVDC:** 18.4 Volts DC  
**Ripple Current:** 5000 mA at 100 kHz and 105°C  
 N/A  
**Impedance Ratios:** -55°C/20°C  $\leq$  1.15 and +105°C/20°C  $\leq$  1.25

**Leakage Current:** 0.2CV  
 1056  $\mu$ A after 2 Minutes

**Load Life:** 5000 hours at 105°C with 100 % of rated voltage and with 0 % of rated ripple current  
**Capacitance Change:**  $\leq$ 20% of initial measured value  
**Dissipation Factor Change:**  $\leq$ 150% of maximum specified value  
**ESR Change:**  $\leq$ 150%  
**Leakage Current:**  $\leq$ 100% of maximum specified value

### Ripple Current Multipliers

#### Frequency Multipliers:

50 HZ	120 HZ	400 HZ	1 KHZ	10 KHZ	100 KHZ
0.05	0.05	0.05	0.3	0.7	1

#### Temperature Multipliers:

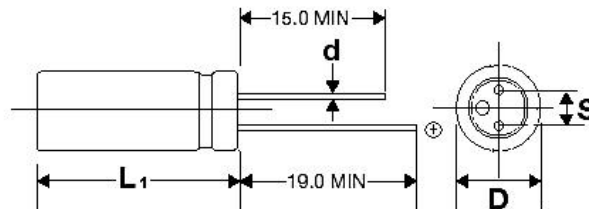
45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
2	1.9	1.7	1.8	1.4	1.4	1	0

## PHYSICAL DIMENSIONS

**Diameter (D):** 8 mm + 0.5 mm  
**Length (L):** 11.5 mm + 1.5 mm

**Lead Wire Diameter (d):** 0.6 mm +/- 0.05 mm  
**Lead Length:** 15 mm +/- Min mm  
**Lead Finish:** Matte Tin

**Lead Spacing (S):** 3.5 mm +/- 0.5 mm  
**Coating:** clearlaminat sleeveing



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