

128ULR010MEF

RADIAL LEAD ALUMINUM POLYMER CAPACITORS

Parts are RoHS compliant

ELECTRICAL SPECIFICATIONS

Capacitance: 1200 μ F
Dissipation Factor: 0.1 Max at 120 Hz and 20°C
Temperature Range: -55°C to +105°C
ESR: 0.14 Ohms Max at 20°C and 120 Hz
Impedance: N/A

Tolerance: -20 %, +20 %
WVDC: 10 Volts DC
SVDC: 11.5 Volts DC
Ripple Current: 6200 mA at 100 kHz and 105°C
 N/A
Impedance Ratios: -55°C/20°C \leq 1.25 and +105°C/20°C \leq 1.25

Leakage Current: 0.2CV
 2400 μ A after 2 Minutes

Load Life: 2000 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: N/A
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:

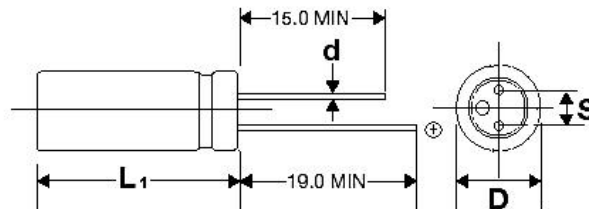
| 45°C | 60°C | 70°C | 65°C | 75°C | 85°C | 105°C | 125°C |
|------|------|------|------|------|------|-------|-------|
| 2 | 1.9 | 1.7 | 1.8 | 1.4 | 1.4 | 1 | 0 |

PHYSICAL DIMENSIONS

Diameter (D): 10 mm + .5 mm
Length (L): 12.5 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): 5 mm +/- 0.5 mm
Coating: clearlaminat sleeveing



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