

PART NUMBER: 478TTA025M

STANDARD AXIAL LEAD ALUMINUM ELECTROLYTIC CAPACITORS

Parts are RoHS compliant

Date code when parts became RoHS: 14



ELECTRICAL SPECIFICATIONS

Capacitance: 4700 uF

Dissipation Factor: 0.23 Max at 120 Hz and 20°C

Temperature Range: -40°C to +85°C

ESR: 0.081 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 25 Volts DC

SVDC: 32 Volts DC

Ripple Current: 2170 mA at 120 Hz and 85°C

Impedance Ratios:

-25°C/20°C - 2

-40°C/20°C - 4

Leakage Current: .03CV or 4uA, whichever is greater

3525 uA after 1 Minute

.01CV or 3uA, whichever is greater

1175uA after 2 Minutes

Load Life: 2000 hours at 85°C with 100 % of rated voltage and with 0 % of rated ripple current

Capacitance Change: ≤20% of initial measured value

Dissipation Factor: ≤200% of maximum specified value

Leakage Current: ≤100% of maximum specified value

Ripple Current Multipliers

Frequency Multipliers:

50 Hz	120 Hz	400 Hz	1 kHz	10 kHz	100 kHz
0.75	1	1	1.25	1.4	1.4

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1.25	1.25	1.14	1.25	1.14	1	0	0

PHYSICAL DIMENSIONS

Diameter (D): 16 mm + 0.5 mm

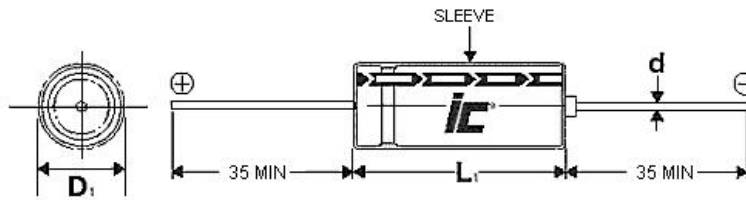
Length (L): 40 mm + 1 mm

Coating: GRAY PVC sleeving

Lead Wire Diameter (d): 0.8 mm +/- 0.05 mm

Lead Length: 35 mm +/- MIN mm

Lead Finish: Matte Tin



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