

PART NUMBER: 108HST050M



AXIAL LEAD

Parts are RoHS compliant

Date code when parts became RoHS: 14

FEATURES

125°C

ELECTRICAL SPECIFICATIONS

Capacitance: 1000 μ F

Dissipation Factor: 0.1 Max at 120 Hz and 20°C

Temperature Range: -40°C to +125°C

ESR: 0.166 Ohms Max at 20°C and 120 Hz

Impedance: N/A

Tolerance: -20 % , +20 %

WVDC: 50 Volts DC

SVDC: 63 Volts DC

Ripple Current: 1030 mA at 120 Hz and 125°C

Impedance Ratios:

-25°C/20°C - 2

-40°C/20°C - 4

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

1500 μ A after 1 Minute

.01CV or 3 μ A, whichever is greater

500 μ A after 2 Minutes

Load Life: 2000 hours at 125°C with 100 % of rated voltage and with 0 % of rated ripple current

Capacitance Change: $\leq$ 20% of initial measured value

Dissipation Factor: $\leq$ 200% of maximum specified value

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
0.8	1	1.23	1.32	1.5	1.5

Temperature Multipliers:

45°C	60°C	70°C	65°C	75°C	85°C	105°C	125°C
1	1	1	1	1	1	1	1

PHYSICAL DIMENSIONS

Diameter (D): 16 mm + 0.5 mm

Length (L): 41 mm + 2 mm

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

Lead Length: 35 mm +/- MIN mm

Lead Finish: Matte Tin

Coating: BLUE PVC sleeving

