

Panasonic

ACOM

Matsushita Electronic Components
Corporation of America

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ALUMINUM ELECTROLYTIC CAPACITOR DATA SHEET

Customer:	
Customer Part Number:	

Panasonic Part Number:	EETED2W561EA
Panasonic Spec. Number:	TED-2W-31-1
Type - Series:	TSED
Diameter, "D" (± 1.0),mm:	35.0
Length "L" (± 2.0),mm:	63.0

Operating Temperature:	-25/ +105 °C
Nominal Capacitance:	560 μ F
Capacitance Tolerance:	± 20 %
Rated Working Voltage:	450 VDC
Surge Voltage:	500 V
E.S.R., 120Hz, 20°C:	0.236 Ω
Leakage Current, 5 Minutes:	1.37 mA

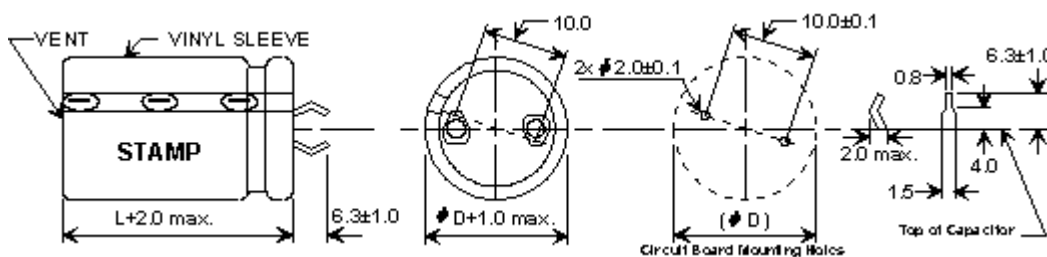
- 1.) Capacitors shall withstand a load life test consisting of the application of rated voltage and ripple current under the following conditions:

Time	Ambient Temperature	Maximum Ripple Current	Frequency
3000 hours	105 °C	3.50 A	120 Hz

The sum of the DC and peak ripple voltage shall not exceed the rated working voltage. After completion of testing, the capacitor measurements shall meet the following limits:

- Capacitance change within $\pm 20\%$ of the initial measured value
- E.S.R. $\leq 200\%$ of the initial specified value.
- Leakage current $\leq$ the initial specified value.

- 2) After storage for 1000 hours at the maximum operating temperature with no voltage applied, capacitor measurements shall meet load life test limits.
- 3) Capacitor markings include the rated capacitance, rated voltage, date code / lot number, series type, maximum operating temperature, and the Manufacturer's logo.
- 4) Dimensions:



PREPARED BY: Pam Bennett	APPROVED BY: Jamie Lewis	DATE: 8/13/02
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