

# Panasonic

## ACOM

Matsushita Electronic Components  
Corporation of America

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### ALUMINUM ELECTROLYTIC CAPACITOR DATA SHEET

Customer:	
Customer Part Number:	

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

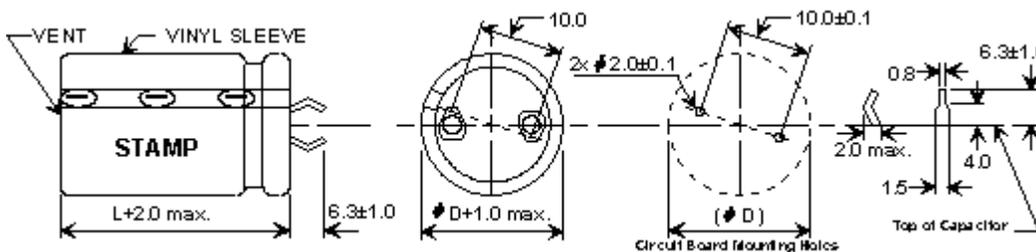
Panasonic Part Number:	<b>EETED2W561EA</b>
Panasonic Spec. Number:	<b>TED-2W-31-1</b>
Type - Series:	<b>TSED</b>
Diameter, "D" (± 1.0),mm:	<b>35.0</b>
Length "L" (± 2.0),mm:	<b>63.0</b>

- 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
<b>3000</b> hours	<b>105</b> °C	<b>3.50 A</b>	<b>120</b> 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 ± 20% of the initial measured value
  - E.S.R. ≤ 200% of the initial specified value.
  - Leakage current ≤ the initial specified value.
- After storage for 1000 hours at the maximum operating temperature with no voltage applied, capacitor measurements shall meet load life test limits.
  - Capacitor markings include the rated capacitance, rated voltage, date code / lot number, series type, maximum operating temperature, and the Manufacturer's logo.
  - Dimensions:



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