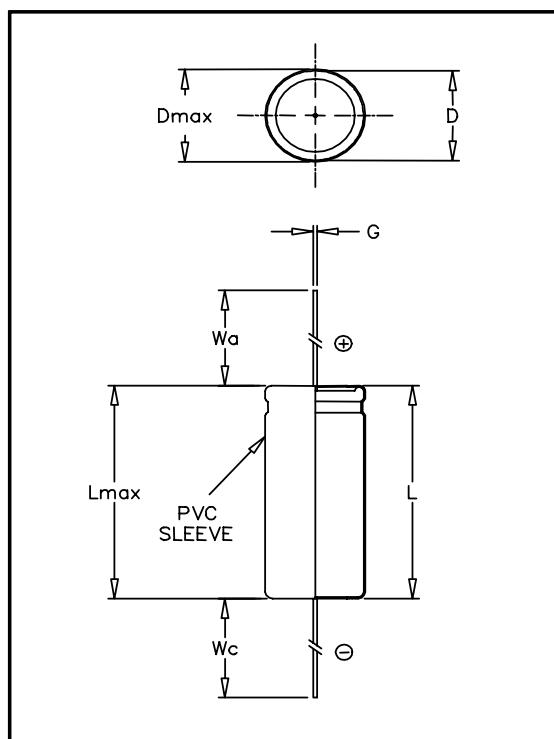




# ALUMINUM CAPACITORS

## Electrical and Mechanical Specifications



**Product Type:** Large Axial (Unformed Leads)

**P/N:** 53D479

**Capacitance:** 400  $\mu$ F

**Tolerance:** -10% / +50%

**Voltage:** 0-200 VDC

**ESR:** 0.480  $\Omega$  max.

**DF:** 14.48 % max.

**DC Leakage:** 1697.1  $\mu$ A max. after 5 min.  
charge at rated voltage

**Ripple@120Hz:** 2.139 Amps @ 85°C  
**20kHz** Amps @ 85°C

**Sleeving:** BLUE PVC

**Marking:** SPRAGUE  
53D479  
400UF 200VNP  
DATE CODE +85°C

**Comments:** VNP DESIGN.

| Figure      | Dimensions     |               |
|-------------|----------------|---------------|
| <b>G</b>    | 0.040 in.      | 1.02 mm       |
| <b>D</b>    | 1.000 in. nom. | 25.40 mm nom. |
| <b>Dmax</b> | 1.030 in. max. | 26.16 mm max. |
| <b>L</b>    | 3.625 in. nom. | 92.08 mm nom. |
| <b>Lmax</b> | 3.703 in. max. | 94.06 mm max. |
| <b>Wa</b>   | 2.500 in. min. | 63.50 mm min. |
| <b>Wc</b>   | 2.500 in. min. | 63.50 mm min. |

NOTE: max. dimensions include sleeving thickness

**Drawn by:** R. Lam

**Date:** April 7, 2008



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