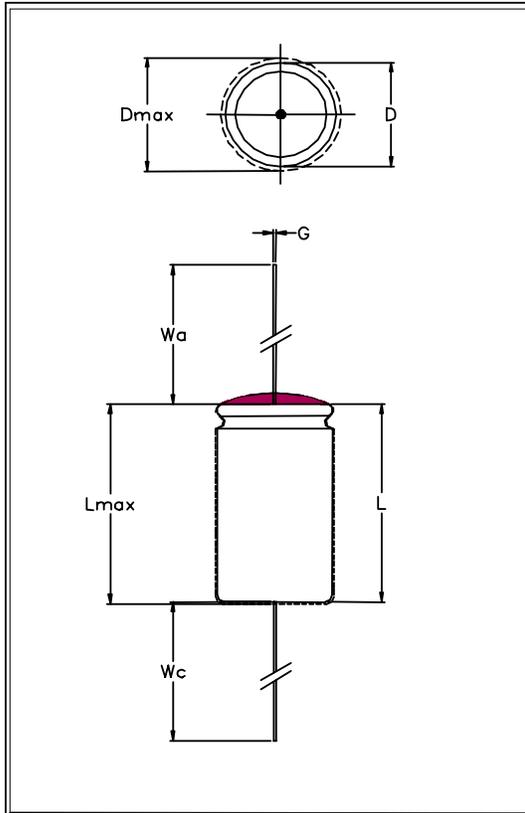




# ALUMINUM CAPACITORS

## Electrical and Mechanical Specifications

**Product Type:** Axial (Unformed Leads w/ Resin)



**Customer P/N:** 40D506F050DF5A

**P/N:** 40D506F050DF6A

**Capacitance:** 50.0  $\mu$ F

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

**Voltage:** 0-50 VDC

**ESR:** 3.800  $\Omega$  max.

**DF:** 14.3 % max.

**DC Leakage:** 8.0  $\mu$ A max. after 5 min. charge at rated voltage

**Ripple@120Hz:** 0.344 Amps @ 85°C  
**20kHz:** Amps @ 85°C

**Sleeving:** CLEAR MYLAR

**Marking:** SPRAGUE  
 40D +  
 50UF 50VDC  
 Date Code +  
 +105C  
 MADE IN USA

**Comments:** CONTAINS CLEAR MYLAR SLEEVE AND EPOXY END-SEAL.

Figure	Dimensions	
<b>G</b>	0.032 in.	0.810 mm
<b>D</b>	0.374 in. nom.	9.500 mm nom.
<b>Dmax</b>	0.402 in. max.	10.200 mm max.
<b>L</b>	1.260 in. nom.	32.000 mm nom.
<b>Lmax</b>	1.378 in. max.	35.000 mm max.
<b>Wa</b>	1.500 in. min.	38.100 mm min.
<b>Wc</b>	1.500 in. min.	38.100 mm min.

NOTE: max. dimensions include sleeving thickness and resin

**Drawn by:** R. Lam

**Date:** January 23, 2007



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