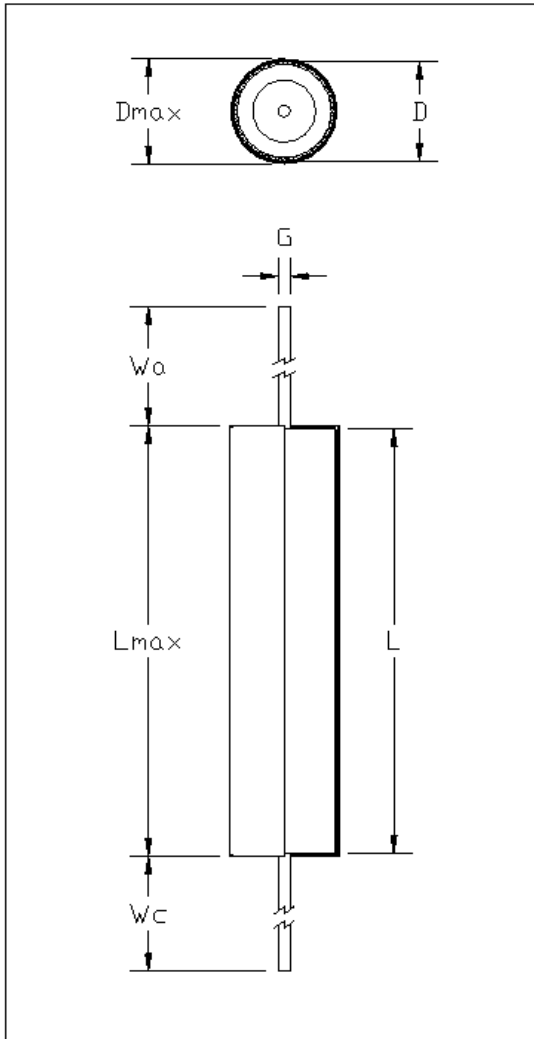




# ALUMINUM CAPACITORS

## Electrical and Mechanical Specifications



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

**P/N:** TVA1962

**Capacitance:** 8  $\mu$ F

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

**Voltage:** 0-600 VDC

**ESR:** 24.500  $\Omega$  max.

**DF:** 29.56 % max.

**DC Leakage:** 520.0  $\mu$ A max. after 5 min. charge at rated voltage

**Ripple@120Hz:** 0.188 Amps @ 85°C  
**20kHz** Amps @ 85°C

**Sleeving:** Blue PVC

**Marking:** SPRAGUE  
 + ATOM®  
 + TVA1962  
 + 8UF 600VDC  
 + DATE CODE + 85C

**Comments:** Full Descriptor:  
 053D160F350JG6BA1962V

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>	2.875 in. nom.	73.03 mm nom.
<b>Lmax</b>	2.954 in. max.	75.03 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:** B. Slaughter  
**Date:** November 22, 2022  
**TDS Rev:** 0

**Customer Approval:**



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