



Solenoid 24V 400mA ( Max 24V 2A )  
 USBC Power 65W ( Min 45W )  
 Relay Timer Trimmer: 50ms – 5.2s  
 Signal 9V Battery (3V–12V) ( Isolated via Optocoupler )  
**Leon Springs Baptist Church AWANA Program**

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 File: solenoid-1.kicad\_sch

**Title: Pinewood Derby Starting Gate Solenoid**

Size: A5 Date: 2026-01-28  
 KICad E.D.A. 9.0.7

Rev: 12  
 Id: 1/1