



Solenoid 24V 400mA ( Max 24V 2A )  
USBC Power 65W ( Min 45W )

Signal 9V Battery (3V-12V) ( Isolated via Optocoupler )  
**Leon Springs Baptist Church AWANA Program**

D Sheet: / File: solenoid-1simple.kicad\_sch

## Title: Pinewood Derby Starting Gate Solenoid

Size: A5 Date: 2026-02-02  
KiCad E.D.A. 9.0.7

Rev: 4  
Id: 1/1