



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

Sheet: /

File: solenoid-1.kicad_sch

Title: Pinewood Derby Starting Gate Solenoid

Size: A5 Date: 2026-02-02

KiCad E.D.A. 9.0.7

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