Pwr Straight    TRACK    Pwr Curve

Red   Black   Red   Black   Red   Black   Red   Black   Red   Black

Straight Red          Straight Black

Pin 5: 12V

LED

1K

Straight Red

Curve Red

Curve Black

22K

Pin 1: Control

12V

LED

1K

2N3904

Pin 4: Gnd

C B E

NO
Common
NC

Coil

Rayex LM2-12D
Relay

Relay contacts should be rated for 5 amps or more

Alternate Colors
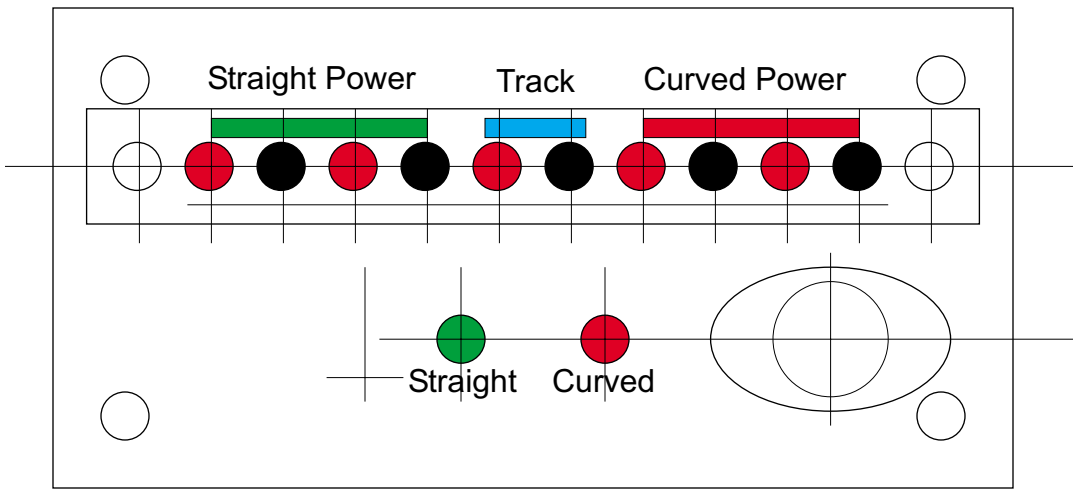1. Green
2. Red
3. NC
4. Black
5. Yellow

5 Pin DIN
Female Connector

3: NC                     1: Block Control

5: +12v                   4: Gnd

2: NC
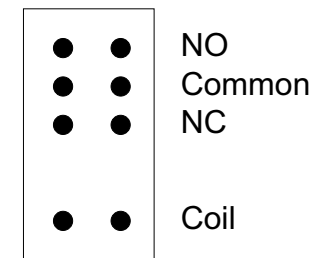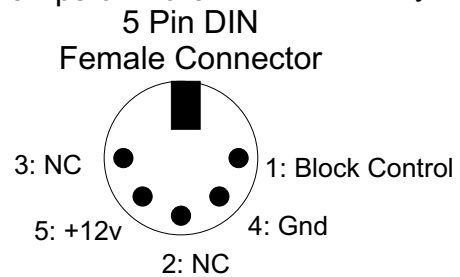
BLOCK CONTROL
Norbert Doerry
Variant C
Rev 1: October 20, 2007

Block Control
Pin 1 = Ground = Curve
Pin 1 = Open = Straight

G-LED  R-LED  S Power Red  S Power Black  Track Red  Track Black  C Power Red  C Power Black

Gnd

Blk

+12

4" x 2 1/4"

Straight Power    Track    Curved Power

Straight    Curved

Alternate Colors
1. Green
2. Red
3. NC
4. Black
5. Yellow

5 Pin DIN
Female Connector

3: NC

1: Block Control (White/Orange)

5: +12v (Orange)

4: Gnd (Brown)

2: NC
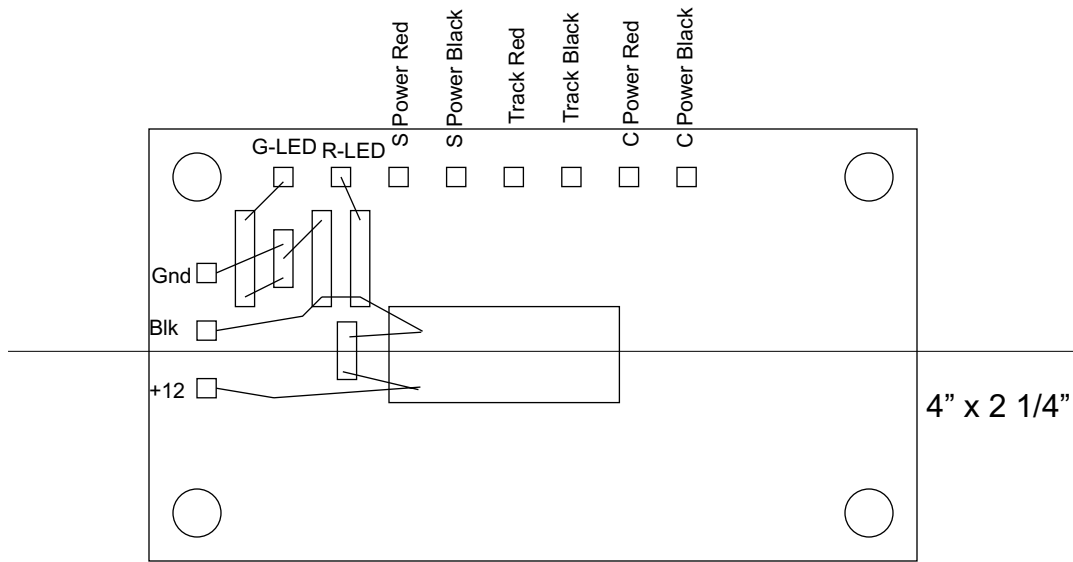
BLOCK CONTROL
Variant C Layout
Rev 1:October 20, 2007