Wire specification (or equivalent):
22 to 24 ga insulated stranded wire, indicated colors
BLACK  GREEN  YELLOW

EMPTY CONTACTS:
#3, #4, #5, #7, #8

TOP VIEW (connector tabs down)

Pin 1 on top (Tabs on bottom)

Connector specification (or equivalent):
1 ea - Molex housing p/n 22-01-3047 (DigiKey WM2002-ND)
3 ea - Molex female contact p/n 08-50-0113 (DigiKey WM1114CT-ND)

NOTE:
The Penelope/Pennylane P4 connector pinout does not match the Molex 22-55-2081 connector pinout:
FWD_PWR/AIN1 is on P4-1 (cable connector pin 2)
REV_PWR/AIN2 is on P4-2 (cable connector pin 1)
GND is on P4-5 (cable connector pin 6)