

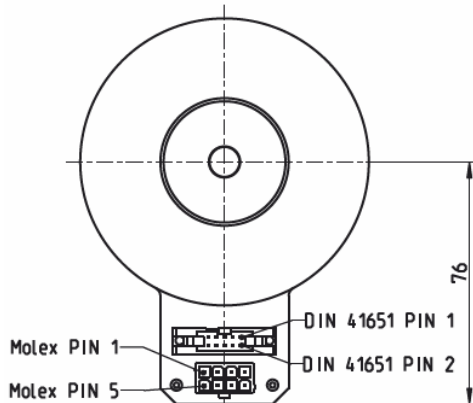
Switchboard Slot1-J5

232 TX	1
Sig Com	2
SW 12V	3
232 RX	4
SW 5V	5
PWR COM	6

Harwin M80-4810605

Label: Twitter Comms S1/J4

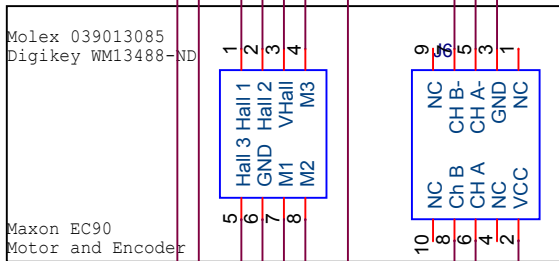
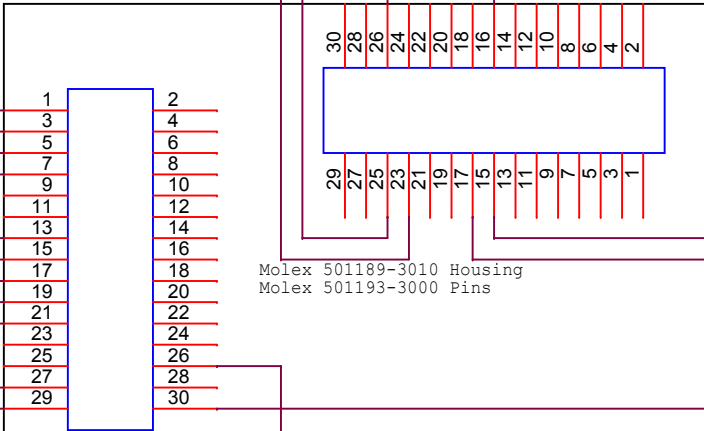
28AWG Wire Compatible with Twitter 1mm pitch Molex connectors



Shielded Twisted 5X 24 AWG

Label: ELMO J10

Label: ELMO J11



Label: EC90 MOTOR

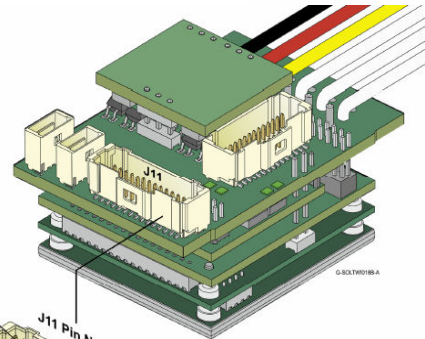
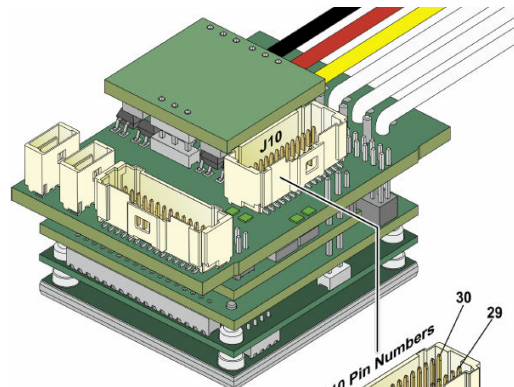
Label EC90 ENCODER

Cable Side DIN 41651:
AMP P/N 102387-1
Digikey A25901-ND
USE HIGH PRESSURE PINS
AMP P/N 102128-1
Digikey A3004-ND
USE LONG ARMS ON MATING CONNECTOR
3M P/N N3505-31B
Digikey MLKS06-ND

Twisted 3X Twitter Wires

M3 (Wht)
M2 (Wht)
M1 (Wht)
Earth (Ylw)
PWR+ (Red)
PWR RTN (Blk)

Elmo Twitter Power Wires



to LHE J4
Pump Power

1 +28V_ELMO
2
3
4 28V_COM

HARWIN
M80-400000F1-04-325-00-000 with M80-327Pin

2X Twisted Pair 14AWG
Twist +28V_ELMO and 28V_COM together
~3 Twists per inch

Label: LHE J4 PUMP POWER

Title		
Wire Harness, Hydraulics, No-Regen, for LHE		
Mellinger		
Size	Document Number	Rev
B	<Doc>	<RevCode>
Date:	Wednesday, June 12, 2019	Sheet 1 of 1