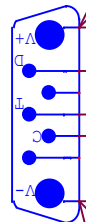


P21
Ampehnol L177TWA7W2S with L17DM53744-1 pins

Twisted Pairs: 18 AWG
Signal Wires: 24 AWG
12"

to Inspired Energy
PH4000A/E/U
Smart Charger



TE Conn 794237-1
Crimp Socket: TE Conn 1-794227-0

Mini Universal Mate-N-Lok 2

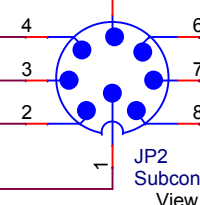
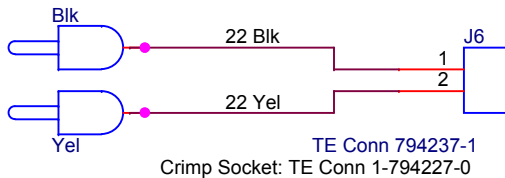


TE Conn 794238-1
Crimp Pin: TE Conn 1-794226-0



Deadface Relay
Pilot Signal

External Supply
if needed
24-36VDC @ 20-30mA
Pilot Signal for
Deadface Relays



JP2
Subconn micro 8 male pins
View into connector face

to CPF Bulkhead BH-J6

Subconn Pinout

- 1 Chgr --
- 2 Chgr --
- 3 SCI
- 4 SDa
- 5 T
- 6 Pilot36V+
- 7 Chgr +
- 8 Chgr +

Subconn Pigtail Colors

- 1 Black
- 2 White
- 3 Red
- 4 Green
- 5 Orange
- 6 Blue
- 7 White / Black
- 8 Red / Black
- 9 Green / Black
- 10 Orange / Black
- 11 Blue / Black
- 12 Black / White

B	27 Aug 19	ECM	Add Mini Universal MNL2 connector for pilot signal
A	17 Jul 19	ECM	Flip JP2 (SubConn) to correspond to male connector face
Title			
Wire Harness, Batt Charge Input, External Charger to Bulkhead			Mellinger
Size A	Document Number <Doc>		Rev B
Date:	Thursday, August 29, 2019	Sheet	1 of 1