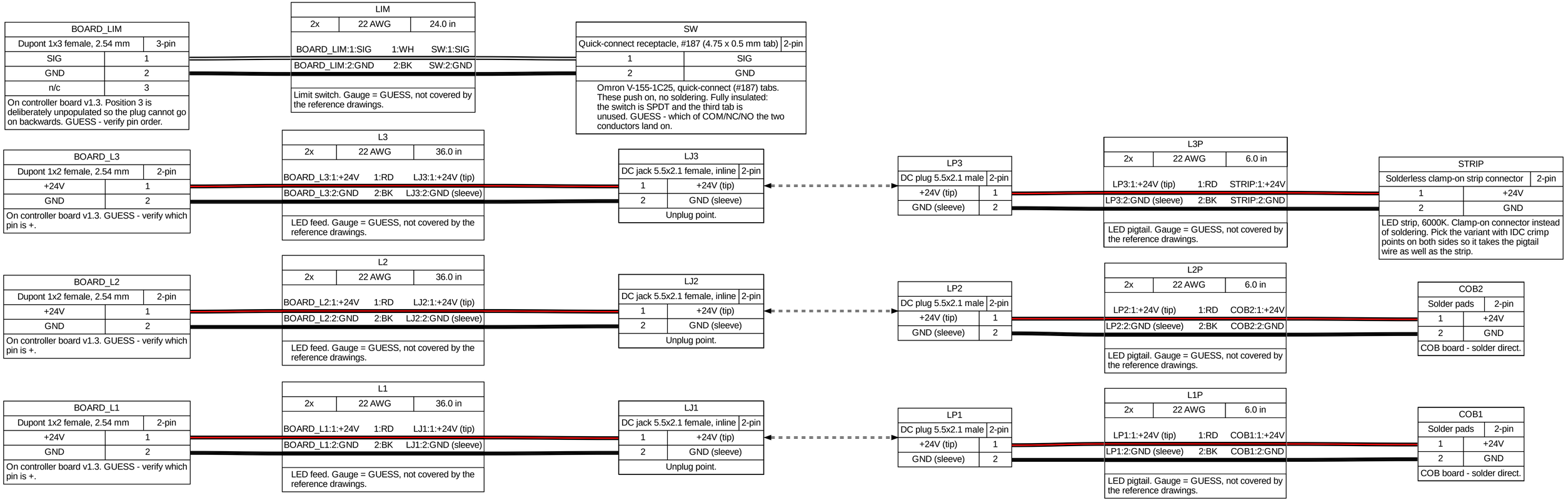
BOARD_LIM
Dupont 1x3 female, 2.54 mm
3-pin
SIG
1
GND
2
n/c
3
On controller board v1.3. Position 3 is deliberately unpopulated so the plug cannot go on backwards. GUESS - verify pin order.
LIM
2x
22 AWG
24.0 in
BOARD_LIM:1:SIG
1:WH
SW:1:SIG
BOARD_LIM:2:GND
2:BK
SW:2:GND
Limit switch. Gauge = GUESS, not covered by the reference drawings.
SW
Quick-connect receptacle, #187 (4.75 x 0.5 mm tab)
2-pin
1
SIG
2
GND
Omron V-155-1C25, quick-connect (#187) tabs. These push on, no soldering. Fully insulated: the switch is SPDT and the third tab is unused. GUESS - which of COM/NC/NO the two conductors land on.
BOARD_L3
Dupont 1x2 female, 2.54 mm
2-pin
+24V
1
GND
2
On controller board v1.3. GUESS - verify which pin is +.
L3
2x
22 AWG
36.0 in
BOARD_L3:1:+24V
1:RD
LJ3:1:+24V (tip)
BOARD_L3:2:GND
2:BK
LJ3:2:GND (sleeve)
LED feed. Gauge = GUESS, not covered by the reference drawings.
LJ3
DC jack 5.5x2.1 female, inline
2-pin
1
+24V (tip)
2
GND (sleeve)
Unplug point.
LP3
DC plug 5.5x2.1 male
2-pin
+24V (tip)
1
GND (sleeve)
2
L3P
2x
22 AWG
6.0 in
LP3:1:+24V (tip)
1:RD
STRIP:1:+24V
LP3:2:GND (sleeve)
2:BK
STRIP:2:GND
LED pigtail. Gauge = GUESS, not covered by the reference drawings.
STRIP
Solderless clamp-on strip connector
2-pin
1
+24V
2
GND
LED strip, 6000K. Clamp-on connector instead of soldering. Pick the variant with IDC crimp points on both sides so it takes the pigtail wire as well as the strip.
BOARD_L2
Dupont 1x2 female, 2.54 mm
2-pin
+24V
1
GND
2
On controller board v1.3. GUESS - verify which pin is +.
L2
2x
22 AWG
36.0 in
BOARD_L2:1:+24V
1:RD
LJ2:1:+24V (tip)
BOARD_L2:2:GND
2:BK
LJ2:2:GND (sleeve)
LED feed. Gauge = GUESS, not covered by the reference drawings.
LJ2
DC jack 5.5x2.1 female, inline
2-pin
1
+24V (tip)
2
GND (sleeve)
Unplug point.
LP2
DC plug 5.5x2.1 male
2-pin
+24V (tip)
1
GND (sleeve)
2
L2P
2x
22 AWG
6.0 in
LP2:1:+24V (tip)
1:RD
COB2:1:+24V
LP2:2:GND (sleeve)
2:BK
COB2:2:GND
LED pigtail. Gauge = GUESS, not covered by the reference drawings.
COB2
Solder pads
2-pin
1
+24V
2
GND
COB board - solder direct.
BOARD_L1
Dupont 1x2 female, 2.54 mm
2-pin
+24V
1
GND
2
On controller board v1.3. GUESS - verify which pin is +.
L1
2x
22 AWG
36.0 in
BOARD_L1:1:+24V
1:RD
LJ1:1:+24V (tip)
BOARD_L1:2:GND
2:BK
LJ1:2:GND (sleeve)
LED feed. Gauge = GUESS, not covered by the reference drawings.
LJ1
DC jack 5.5x2.1 female, inline
2-pin
1
+24V (tip)
2
GND (sleeve)
Unplug point.
LP1
DC plug 5.5x2.1 male
2-pin
+24V (tip)
1
GND (sleeve)
2
L1P
2x
22 AWG
6.0 in
LP1:1:+24V (tip)
1:RD
COB1:1:+24V
LP1:2:GND (sleeve)
2:BK
COB1:2:GND
LED pigtail. Gauge = GUESS, not covered by the reference drawings.
COB1
Solder pads
2-pin
1
+24V
2
GND
COB board - solder direct.