

CONNECTOR RUN LIST:

FROM	TO	WIRE COLOR
P1-1	P4-4	RED
P1-2	P4-5	RED
P1-3	P4-8	RED
P1-4	P4-9	RED
P1-5	P4-3	BLACK
P1-6	P4-6	BLACK
P1-7	P4-7	BLACK
P1-8	P4-10	BLACK
P2-1	P5-4	RED
P2-2	P5-5	RED
P2-3	P5-8	RED
P2-4	P5-9	RED
P2-5	P5-3	BLACK
P2-6	P5-6	BLACK
P2-7	P5-7	BLACK
P2-8	P5-10	BLACK
P3-1	P4-1	RED
P3-2	P5-1	RED
P3-3	NC	
P3-4	NC	
P3-5	P4-2	BLACK
P3-6	P5-2	BLACK
P3-7	NC	
P3-8	NC	

These connectors connect
to Led Driver Output

P1
MOLEX
51021-0800 (HOUSING)
50079-8000 (TERMINAL)

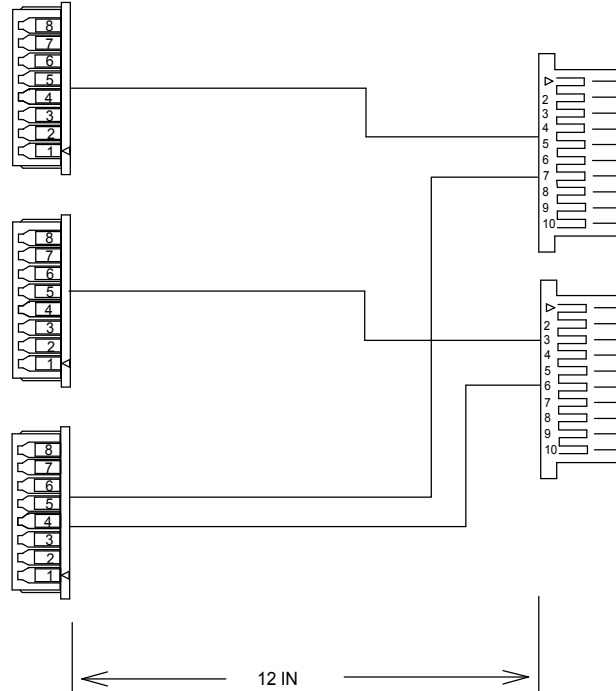
P2
MOLEX
51021-0800 (HOUSING)
50079-8000 (TERMINAL)

P3
MOLEX
51021-0800 (HOUSING)
50079-8000 (TERMINAL)

These connectors connect
to display backlight

P4
JST
SHLP-10V-S-B (HOUSING)
SSHL-003T-P0.2H (TERMINAL)

P5
JST
SHLP-10V-S-B (HOUSING)
SSHL-003T-P0.2H (TERMINAL)



BOM

REF.	QTY	MANUFACTURER	P/N	DESCRIPTION
P1, P2, P3	3	MOLEX	51021-0800	CONNECTOR HOUSING, 8 CIRCUIT
P1, P2, P3	20	MOLEX	50079-8000	CONTACT SOCKET (NOT SHOWN)
P4, P5	2	JST	SHLP-10V-S-B	CONNECTOR HOUSING, 10 CIRCUIT
P4, P5	20	JST	SSHL-003T-P0.2H	CONTACT SOCKET (NOT SHOWN)
WIRE, RED	AR	ALPHA WIRE OR EQUIVALENT	1852/RED	WIRE, RED, 28 (7/36) AWG, PVC 105C
WIRE, BLACK	AR	ALPHA WIRE OR EQUIVALENT	1852/BLACK	WIRE, BLACK, 28 (7/36) AWG, PVC 105C

Cable Assembly, Output, RoHS Compliant
(Connects output of ID6P to 2x5-channel Display)

DRAWING NOT TO SCALE

SHEET 1 OF 1, 06/04/12

APPLIED CONCEPTS, INC.

27-R0116