



Pin 1 opposite of wire exit after strain relief.
Red wire should be in pin 1.

Item #	qty	Description	Vendor	Part Number
1	2	Flat Cables .050" 10C SHIELDED BLACK 28AWG STRANDED	Mouser	517-3517/10
2	1	CONN HOUSING 8POS .100 DUAL	Digikey	WM2521-ND
3	1	CONN HOUSING 20POS .100 DUAL	Digikey	WM2527-ND
4	18	Connector Crimp, Female	Digikey	WM2510-ND
5	2	CONN SOCKET IDC 10POS DUAL 30AU	Digikey	609-1739-ND

DRAWN BY SINNEMA	7/9/13
MATERIAL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:	
DECIMALS .X ± .75 .XX ± .25 .XXX ± .125 .XXXX ± .050	ANGLES X° ± 1° 63
BREAK EDGES .005/.020 FILLET RADIUS .005/.020	



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TITLE LCD harness		REV. IR
SIZE A	DWG NO.	
SCALE 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 2

Starts	Goes to
EXP1, Pin1	20 Pin, Pin 2
EXP1, Pin2	20 Pin, Pin 4
EXP1, Pin3	20 Pin, Pin 16
EXP1, Pin4	20 Pin, Pin 14
EXP1, Pin5	20 Pin, Pin 12
EXP1, Pin6	20 Pin, Pin 10
EXP1, Pin7	20 Pin, Pin 6
EXP1, Pin8	20 Pin, Pin 8
EXP1, Pin9	20 Pin, Pin 19
EXP1, Pin10	20 Pin, Pin 17
EXP2, Pin 1	Not Used
EXP2, Pin 2	Not Used
EXP2, Pin 3	20 Pin, Pin 15
EXP2, Pin 4	20 Pin, Pin 13
EXP2, Pin 5	8 Pin, Pin 3
EXP2, Pin 6	20 Pin, Pin 20
EXP2, Pin 7	8 Pin, Pin 5
EXP2, Pin 8	20 Pin, Pin 18
EXP2, Pin 9	8 Pin, Pin 6
EXP2, Pin 10	8 Pin, Pin 4

Noted with triangle

1	3	5	7
2	4	6	8

Pin positions are counted in a zig/zag pattern

DRAWN BY
SINNEMA 7/9/13

MATERIAL

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:

DECIMALS	ANGLES
.X ± .75	X° ± 1°
.XX ± .25	
.XXX ± .125	63
.XXXX ± .050	

BREAK EDGES .005/.020
FILLET RADIUS .005/.020



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TITLE

LCD harness

SIZE
A DWG NO.

REV.
IR

SCALE 1:1 DO NOT SCALE DRAWING SHEET 2 OF 2