

BOM				
ITEM	QTY	UNIT	SUPPLIER	SUPPLIER P/N
A	450	mm	Allcable	C0762A.41.10
B	1	PCE	Digikey	WM2901-ND
C	3	PCE	TTI	16-02-0086
D	1	PCE	TTI	50579402
E	1	PCE	Future Electronics	WM2537-ND
F	3	PCE	Future Electronics	16-02-0107
G	60	mm	Digikey	WM17030-ND
H	410	mm	Digikey	1030-SDN0.25BK100-ND

2x [A]
Grey 4 22AWG Cond. Wire
Cut Length = 450mm
Cut white wire short at strip length

1x [E]
Male 6 Pin Housing



3x [F]
Male Molex Pin

Strip 30mm

Pin 1

Strip 4mm

Pin 3

Pin 4

10mm

15mm

1x [H]
Sleeving 1/4" Black
410mm

2x [G]
Heat Shrink Tubing 0.25"
30mm ea
Shrink after pinning connectors
Overlap braided sleeving

Strip 30mm

Strip 4mm

Pin 2

Pin 2

Pin 1

1x [B]
Molex Conn Housing 3 Pos




3x [C]
Female Molex Pin



1x [D]
Molex Conn Housing 2 Pos



REV	BY	DATE	NOTE
A	SAW	1/27/2020	CORRECTED [J] BOM QTY
B	SAW	4/14/2020	REMOVED WHITE AND UNSHIELDED WIRES
C	West	5/19/2020	CHANGE HEATSHRINK AND LOOM TO BETTER FIT CABLE

DRAWN BY: SAW	DATE: 01/15/2020	 3121 N Garfield Ave Loveland, CO. 80538 Phone: 1-970-685-4501	
CHECKED BY: CHECKED	DATE: XX/XX/XXXX		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE: CUT LENGTHS ± 3 MM STRIP LENGTHS $\pm .5$		TITLE: Harness, Y Bed, Syn1	
		DRAWING NUMBER: 100015	SIZE: A4
		RoHS COMPLIANT	REV: C
		DO NOT SCALE DRAWING	SHEET: 1 OF 1