Copyright © 2019 Aleph Objects, Inc. Notes: Unless otherwise specified Permission is granted to copy, distribute and/or modify this document Cut length +/- 3mm under the terms of the Creative Commons Attribution 4.0 International Molex strip length +/-0.5mm Public License (CC BY-SA 4.0). Strip insulation 30mm Strip insulation 30mm ALL Wires Length = 1020mm Strip 3mm [EL-WR0099] - Grey 4 22awg cond. Wire Strip 3mm Pin 1 Pin 2 **Pin 11** Pin 3 Pin 1 1x [PC-CN0099] Molex-CONN RECEPT 20POS Pin 4 **Pin 12** 3MM DUAL ROW, BLACK Pin 5 13x [EL-MS0479] Pin 2 Bare shield wire Female 3.0 Molex Pin 2x [EL-WR0103] - 24awg Red Wire Pin 6 **Pin 13** Pin 7 Pin 3 10 20 9 19 [EL-WR0107] - 24awg White Wire Pin 8 **Pin 14** 1x Male 16pin 8 18 Housing [EL-WR0111] - 24awg Blue Wire 7 17 Pin 9 Pin 4 [PC-CN0057] 16 6 14x [EL-MS0205] [EL-WR0109] - 24awg Yellow Wire 5 15 Pin 10 **Pin 15** Male Molex Pin 14 4 [EL-WR0119] - 24awg Green Wire 13 Pin 11 Pin 5 12 2 [EL-WR0105] - 24awg Black Wire Pin 1 Pin 12 Pin 8 2x [EL-WR0104] - 24awg Orange Wire **Pin 15** Pin 19 **Pin 16** Pin 9 Heat Shrink Tubing [EL-WR0157] SELF-WRAPPING BRAIDED SLEEVING - 1/4" - BLACK - 960mm 2x 30mm 10mm [HD-TB0075] 5mm Shrink after pinning connectors 15mm Overlap braided sleeving Initial comments date Rev JW Update drawing pn 03/21/19 Α DATE DRAWN BY JW Change braided sleeving length 4/23/19 В 2/27/19 West TITLE **CHECKED BY** DATE JW Change strip lengths to 3mm 5/30/19 C **Extruder Harness, Assembled** JW Change distance of heatshrink 7/10/19 D SHEET FILE NAME REV. tubing **EL-HR0178** EL-HR0178 extruder harness revC.odg 1 D

AO part number	qty	UoM	Supplier	supplier pn
EL-WR0099	1020	mm	Allcable	C0762A.41.10
EL-MS0205	14	pce	TTI global	16-02-0107
HD-TB0075	60	mm	McMaster	7856k76
EL-WR0157	960	mm	Wirecare	F6N0.25BK
PC-CN0057	1	pce	Sager	70107-0015
PC-CN0099	1	pce	Digikey	WM2492-ND
EL-MS0479	13	pce	TTI global	43030-0001
EL-WR0103	2040	mm	Allcable	HU1569247RD
EL-WR0107	1020	mm	Allcable	HU1569247WE
EL-WR0111	1020	mm	Allcable	HU1569247BE
EL-WR0109	1020	mm	Allcable	HU1569247YW
EL-WR0119	1020	mm	Allcable	HU1569247GN
EL-WR0105	1020	mm	Allcable	HU1569247BK
EL-WR0104	2040	mm	Allcable	HU1569247OE