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 Public License (CC BY-SA 4.0). Molex strip length +-0.5mm Solder sleeve strip length +- 1mm 1x Male 6pin Housing [PC-CN0119] 2x [PC-CN0003] Molex-CONN Housing 3POS Strip shielding 20mm Strip shielding 200mm Pin 2 Strip 4mm Pin 1 2x [EL-WR0103] - 24awg Red Wire Strip 4mm Pin 3 Strip 4mm Length: 158mm Cut length: 50mm Strip 8mm Length: 158mm Pin 2 Strip 4mm 5x Male Molex Pin Length: 158mm [EL-MS0205] Pin 3 Strip 8mm Strip 8mm Strip 4mm Strip 8mm 1x [EL-WR0099] Cut length: 50mm Length: 158mm Grey 4 22awg Pin 4 2x [EL-WR0105] – 24awg Black Wire cond. Wire Strip 4mm Pin 3 Length: 1200mm Pin 5 6x Female Molex Pin Bare shield wire [EL-MS0059] 2x [EL-MS0416] Ø2.7mm Solder Sleeve 2x [EL-MS0247] Black Shrink Tubing 115mm [EL-WR0157] SELF-WRAPPING BRAIDED SLEEVING - 1/4" -BLACK - 1120mm Date Changes Change By Rev Α 12/27/18 Add heat shrink tubing to harness JW DATE DRAWN BY В 1/29/19 Reduce heat shrink length by 10mm each JW LULZBOT. INCORPORATED Tutley 09/11/18 С 1/30/19 Add strip tolerance JW CHECKED BY DATE **Filament Sensor Harness, Assembled** D 4/13/19 Added units to 158 length (158mm) and 1200 TU length (1200mm) SHEET FILE NAME REV. **EL-HR0144** EL-HR0144 filament sensor harness.odg 1 D

Notes: Unless otherwise specified

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AO P/n	qty	unit	Supplier	supplier P/n
EL-MS0205	5	pce	TTI	16-02-0107
EL-WR0157	1120	mm	Wirecare	F6N0.25BK
PC-CN0003	2	pce	Digi-key	WM2901-ND
EL-MS0059	6	pce	TTI	16-02-0086
EL-MS0416	2	pce	TTI	B-155-9002
PC-CN0119	1	рсе	Digi-key	WM2537-ND
EL-WR0103	316	mm	allcable	HU1569247 RD
EL-WR0105	316	mm	allcable	HU1569247 BK
EL-WR0099	1200	mm	allcable	C0762A.41.1
EL-MS0247	230	mm	Electronics distribution corp	88-01870