

Notes: Unless otherwise specified
 Cut length +/- 3mm
 Molex strip length +/-0.5mm
 Ring terminal strip length +/-0.5mm
 JST strip length +/-0.25mm

2x [EL-MS0059]
 Female Molex Pin

1x [PC-CN0001]
 Female 2pin Housing



Pin 2
 Pin 1



Strip 4mm

Cut length ± 3mm

200mm [EL-WR0103]
 Red 24awg Stranded wire

Strip 3mm

Pin 12



Pin 2



Strip 4mm

Strip 3mm

200mm [EL-WR0105]
 Black 24awg Stranded wire

1x [EL-MS0141]
 Term Ring Non Ins 26-22AWG



[EL-WR0155] – Single Conductor 20AWG SOLID PTFE, RED
 Length = 280

Strip 3mm

Pin 3



Length = 205 ± 3mm

4x Female JST Pin
 [EL-MS0351]



Pin 4

Strip 2.2mm

[EL-WR0103] – 24awg Red Wire

Strip 3mm

Pin 20

Pin 6

[EL-WR0107] – 24awg White Wire

Pin 10

1x 2mm 6pos Connector
 [EL-MS0355]



Pin 3

[EL-WR0119] – 24awg Green Wire

Pin 19

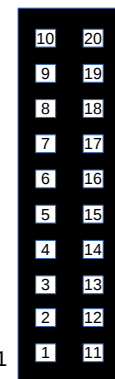


Pin 1

[EL-WR0105] – 24awg Black Wire

Pin 9



1x [PC-CN0099]
 CONN RECEPT 20POS
 3MM DUAL ROW



Pin 1

7x
 [EL-MS0479]
 CONN TERM FEMALE
 20-24AWG TIN
 (Micro-Fit 3.0™)

Rev	Date	Changes	Change by
A	12/20/18	Add 25mm to single conductor, reduce red white green and black motor wires by 30mm change pinout	JW
B	1/10/19	Add 30mm to motor wires, add 10mm to ground wire, add cut tolerance	JW
C	1/30/19	Add strip tolerance	JW

DRAWN BY Tutley		DATE 8/1/2018	 	
CHECKED BY		DATE		
EL-HR0161			TITLE E2 Thermotground Harness, Assembled	
FILE NAME EL-HR0161_E2_thermotground_harness_revC.odg		SHEET 1	REV. C	

AO P/n	qty	unit	Supplier	supplier P/n
EL-MS0351	4	pce	future electronics	SPH-002T-P0.5S
EI-MS0355	1	pce	future electronics	PHR-6
PC-CN0099	1	pce	Digikey	WM2492-ND
EL-MS0479	7	pce	tti	43030-0001
EL-WR0103	405	mm	allcable	HU1569247RD
EL-WR0107	175	mm	allcable	HU1569247WE
EL-WR0119	175	mm	allcable	HU1569247GN
EL-MS0059	2		tti	16-02-0086
EL-WR0105	405	mm	allcable	HU1569247BK
PC-CN0001	1	pce	Sager	50579402
EL-MS0141	1	pce	tti	P22-4R-M
EL-WR0155	280	mm	allcable	M16878/4BGE