

Parts List

Item	QTY	Description	Vendor
A	1	0039012165 housing (2x8way 4.2mm pitch Mini-Fit receptacle)	Molex
B	4	0039000038 tin plated, female crimp	Molex
C	1	10-13-165082160-0 (K5A T 16.5x8.2x16 toroidal core) (2 turns (1 loop); cable tie to secure in place)	Paddiford Electronics/ Z.Shen Enterprise
D	2	25mm long, black heat shrink sleeve	-
E	1	4-core AWM style 2462 24AWG cable	-
F	10	15mm long, black heat shrink sleeve (spread along the length of the harness with typical separation of 82mm)	-
G	2	Standard 22AWG wire	-
H	1	553-0100-01 stackable black 4mm banana plug	Deltron
I	1	553-0500-01 stackable red 4mm banana plug	Deltron
J	1	90142-0016 housing (2x8way 2.54mm pitch with key)	Molex
K	4	9733272 tin plated crimp	Molex


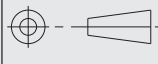
Connectivity

CON1 Pin	CON2 Pin	CON3 Pin	CON4 Pin	Gauge (AWG)	Colour	Comments
16	1	-	-	24	Orange	SSP_TXD_(Vend1)
14	5	-	-	24	Brown	SSP_RXD_(Inhibit1)
9	-	-	1	22	Red	V_IN
1	16	1	-	24/22	Black	GND

Note:
 Pin 1 (CON1) has two wires crimped together.
 Pin 15 (CON2) is fitted with crimp but not connected.
 All other pins are unloaded.
 Excess wire in the 4-core cable (item E) is trimmed at either ends. Use 3 core AWM Style 2464 24AWG Cable if available.

Comments

CON1 mates with 6745-2160 straight header (on Smart Payout)
 CON2 connects to SSP Hopper Interface Port
 CON3 connects to V- (GND) of power supply
 CON4 connects to V+ (12V) of power supply

-	-	-	-	All parts must be rated to at least UL94-VW1 All connector housings must be rated to UL94-V0		2009 © Copyright of Innovative Technology Ltd		TITLE Smart Payout to Host (6A rated connector) - Power and comms		MATERIAL -	FINISH -		
1	-	04/01/10	A Lunsong	 INNOVATIVE TECHNOLOGY LIMITED DERKER ST. OLDHAM ENGLAND, O1 4EQ UNITED KINGDOM TEL: +44(0)161 626 9999 FAX: +44(0)161 620 2090		 NOT TO SCALE All dimensions in mm ±2mm		DRAWN BY A Lunsong		DATE 15/10/09	CHECKED BY -	DATE -	TOOL NO. -
ISSUE NO.	MOD NO.	DATE	MOD BY	3rd ANGLE PROJECTION.		All dimensions in mm ±2mm		A Lunsong		15/10/09	-	-	-