



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	90142-0008 housing (2x4way 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	8	-	-	24	Brown	SSP RX on Hopper <->
14	7	-	-	24	Orange	SSP_TXD_(Vend1) on Payout SSP_TX on Hopper <->
9	-	-	1	22	Red	SSP_RXD_(Inhibit1) on Payout V_IN
1	2	1	-	24/22	Black	GND

Note:

Pin 1 (CON1) has two wires crimped together.
 Pin 1 (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.

Hopper is operated via USB lead and controls Payout via this cable assembly. Hence, Hopper's TX needs to go to Payout's RX circuit.

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 Single eSSP interface between Smart Payout and Hopper Assembly		MATERIAL -	FINISH -											
-	-	-	-	INNOVATIVE TECHNOLOGY LIMITED DERKER ST. OLDHAM ENGLAND, O1 4EQ UNITED KINGDOM		NOT TO SCALE All dimensions in mm ±2mm		DRAWN BY P Newton		DATE 11/06/09	CHECKED BY -	DATE -	TOOL NO. -									
1	-	04/01/10	A Lunsong	3rd ANGLE PROJECTION.																		
ISSUE NO.	MOD NO.	DATE	MOD BY																			
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W