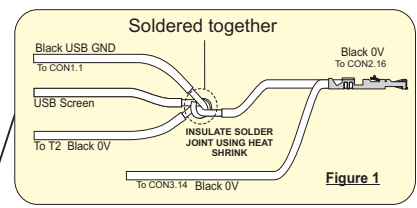


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Parts List					
Item	QTY	Description	P/N	Vendor	
A	1	USB Type A plug	-	-	
B	1	USB Shielded High Speed 2.0 Cable 28AWG/1P+28AWG/2	-	-	
C	1	20mm black heat shrink sleeve	-	-	
D	8	12mm black heat shrink sleeve (spaced every 150mm)	-	-	
E	5	AWG 24 UL1061 stranded copper wire	-	-	
F	4	AWG 28 UL1061 stranded copper wire	-	-	
G	1	14 way 2.54mm Pitch C-Grid III™ Receptacle	90142-0014	Molex (or Local Alternative)	
H	11	Molex C-Grid III™ Crimp Terminals Tin, 26-28 AWG	90119-0120	Molex (or Local Alternative)	
J	4	Molex C-Grid III™ Crimp Terminals Tin, 22-24 AWG	90119-0109	Molex (or Local Alternative)	
K	2	Acetate cloth tape	-	-	
L	1	Black Braided sleeve	-	-	
M	1	16 way 2.54mm Pitch C-Grid III™ Receptacle	90142-0016	Molex (or Local Alternative)	

Connectivity									
CON1 Pin	CON2 Pin	CON3 Pin	T1 Pin	T2 Pin	Gauge (AWG)	Colour	Comment		
1	13	-	-	-	28	Red	USB Vbus +5V		
2	12	-	-	-	28	White	USB Data -		
3	11	-	-	-	28	Green	USB Data +		
4	16	14	-	1	24	Black	GND		
-	3	1	-	-	28	Orange	NV11_RED		
-	4	2	-	-	28	Green	NV11_GREEN		
-	7	5	-	-	28	Orange	NV11_RED (INHIBIT3)		
-	9	7	-	-	28	Blue	NV11_BLUE		
-	15	13	1	-	24	Red	+12V		

Note
 CON2 Pin16 GND pin should have two wires crimped together.
 CON2 Pin 15 +12V pin should have two wire crimped together.
 The USB GND shield should be twisted and soldered to the ground leads as shown in Figure 1.
 CON1 connects to Host
 CON2 connects to validator
 CON3 connects to Bezel

Note to Manufacturers

Certificates are needed for the following:
 RoHS compliance UL94-V0 rated (connector housing) UL94-VW1 rated (all other parts)

All dimensions are in mm ±0.1mm, unless specified

<p>INNOVATIVE TECHNOLOGY LTD DERKER ST. OLDHAM ENGLAND, OLY 4EQ UNITED KINGDOM TEL: +44(0)161 626 9999 FAX: +44(0)161 620 2090 2012 © ALL RIGHTS RESERVED</p>	<p>3rd Angle Projections</p> <p>NOT TO SCALE</p>	<p>TITLE</p> <p>Host USB to NV9/10 split to Rainbow Bezel Cable Assembly</p>	<p>DRAWN BY</p> <p>C Cardoza</p>	<p>DATE</p> <p>20/10/2014</p>	<p>MATERIAL</p> <p>All parts must be rated to at least UL94-VW1. All connector housings must be rated to UL94-V0. Must be RoHS compliant.</p>	-	-	-	-	
			<p>CHECKED BY</p> <p>-</p>	<p>DATE</p> <p>-</p>		<p>FINISH</p> <p>-</p>	1	-	06/03/2014	C Cardoza
			<p>ISSUE NO. MOD NO. DATE MOD BY</p>			A	-	20/10/2014	C Cardoza	