
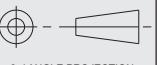


Terminal	Housing	Crimp	Comments
CON1	USB type A plug	-	CON1 connects to host machine
CON2	Molex 90142-0016 (2x8Way 2.54mm pitch with key)	9733272 (tin plated)	CON2 connects to validator

Connectivity by conductor

CON1 Pin	CON2 Pin	Gauge	Colour	Comments
1	13-	-	Red	V-Bus
2	12	-	White	Data Minus (Twist together with Data Plus)
3	11	-	Green	Data Plus (Twist together with Data Minus)
4	16-	-	Black	USB GND Refer to Figure 1 for connection detail
Screen	16	-	Black	Refer to Figure 1 for connection detail
-	16	0.2mm <sup>2</sup>	Black	0V, Cable rated to UL1007, Refer to Figure 1 for connection detail
-	15	0.2mm <sup>2</sup>	Red	+12V, Cable rated to UL1007, Refer to Figure 1 for connection detail
-	1	-	-	Fit unloaded crimp terminal.
-	2	-	-	Fit unloaded crimp terminal.
-	3	-	-	Fit unloaded crimp terminal.
-	4	-	-	Fit unloaded crimp terminal.

Note: All other pins are unloaded.

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 <b>Power &amp; USB (type A) Communication Cable</b>		MATERIAL -		FINISH -	
 <b>INNOVATIVE TECHNOLOGY LIMITED</b> DERKER ST. OLDHAM ENGLAND, O1 4EQ UNITED KINGDOM TEL: +44(0)161 626 9999 FAX: +44(0)161 620 2090				 <b>NOT TO SCALE</b> All dimensions in mm ±5mm		DRAWN BY <b>P.Newton</b>		DATE <b>10/07/09</b>		CHECKED BY -	
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