



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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1

2

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4

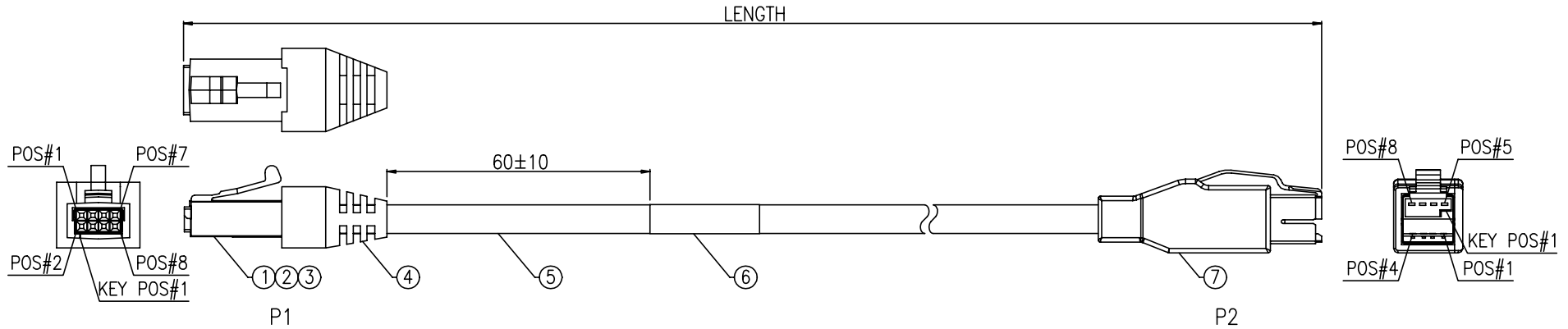
FCI PART NO.	LENGTH
10125141-Z0150YYLF	1500±20
10125141-Z0130YYLF	1300±20
10125141-Z0075YYLF	750±15
10125141-Z0020YYLF	200±10

A

A

B

B



PIN ASSIGNMENT				
P1	SIGNAL NAME	WIRE COLOR	WIRE AWG	P2
3	VBUS (+5V)	RED	20	1
6	DATA -	WHITE	28 *	2
4	DATA +	GREEN	28 *	3
5	USB GND	BLACK	20	4
1	12V GND	BLUE	20	5
2	+12V	BROWN	20	6
8	+12V	ORANGE	20	7
7	12V GND	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

*TWISTED PAIR
(Wiring as per PoweredUSB.org Electromechanical Specification version 0.8g)

1	SET	12V USB+POWER PLUG KIT, COVER COLOR:GRAY, FCI P/N:74233-102LF	7
1	EA	ADHESIVE LABEL: W=25mm, COLOR:WHITE	6
A/R	M	USB+POWER CABLE: 28AWG*1P+20AWG*6C+SHIELD, COLOR:BLACK	5
A/R	KG	OVERMOLD: PVC, 50P, COLOR:BLACK.	4
2	EA	TERMINAL: MINI PV CTW 30Au, 28-32AWG, FCI P/N:48045-000LF	3
6	EA	TERMINAL: MINI PV CTW 30Au, 18-20AWG, FCI P/N:48047-000LF	2
1	SET	2x4 LATCH-N-LOK PLUG KET, COLOR:BLACK, FCI P/N:98028-8041LF	1
Q'TY	UNIT	DESCRIPTION	ITEM

C

C

D

D

spec ref	See Notes	dr	Carl Wang	2015-01-27	projection	MM	size	A3	scale	N/A	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Carl Wang	2015-01-27			ecn no	rel level			
surface		linear	chr	Guo-Feng Jin							2015-01-27
			appr	Guo-Feng Jin							2015-01-27
			angular	0°							±°
		title USB+POWER(12V) TO 2x4 LATCH-N-LOK CABLE ASSEMBLY		cat. no. www.fci.com		dwg no 10125141		rev A			
Product - Customer Drw						sheet 1 of 2					

1

2

3

4



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FCI PART NO.

SEE SHEET 1

NOTES:

- 1. MATERIAL: SEE BOM ON SHEET 1.
- 2. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- 3. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 4. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE TESTD:
 HI-POT: DC 300V/10ms
 DIELECTRIC RESISTANCE: 50M Ohms MIN.
 CONNECTION RESISTANCE: 1.5 Ohms MAX.

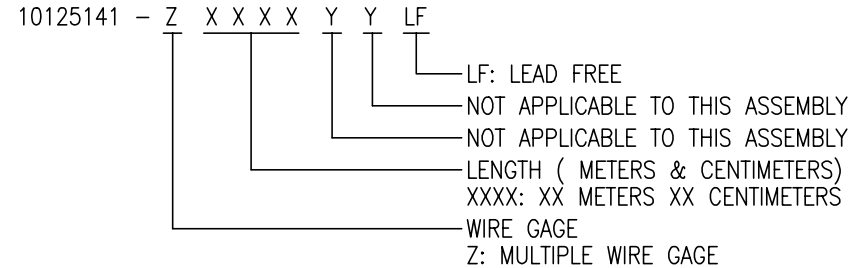
5. LABEL SHOULD BE PRINTED WITH BLACK TEXT AS SHOW BELOW:

FCI
10125141-ZXXXXYYLF
WWYY
MADE IN CHINA

- MANUFACTURER CODE OR NAME
- FCI P/N
- DATE CODE WWYY FORMAT
- COUNTRY ORIGIN

- 6. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 7. PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.
- 8. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOWN ALL PART DETAIL, REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
- 9. USB+POWER MATES WITH FCI P/N:55917-5XXLF.
 2x4 LATCH-N-LOK MATES WITH FCI P/N:74355-XY1LF OR 87316-XY1LF.

10. PART NUMBER SCHEME FOR CABLE ASSEMBLY:



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spec ref		See Notes			dr	Carl Wang	2015-01-27	projection	MM	size	A3	scale	N/A
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Carl Wang	2015-01-27					ecn no	
surface		<input checked="" type="checkbox"/>	linear	0.X	±		title USB+POWER(12V) TO 2x4 LATCH-N-LOK CABLE ASSEMBLY	product family	rel level				
				0.XX	±				www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 2	
				0.XXX	±								title USB+POWER(12V) TO 2x4 LATCH-N-LOK CABLE ASSEMBLY
		angular	0°	±°									