



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!



Contact us

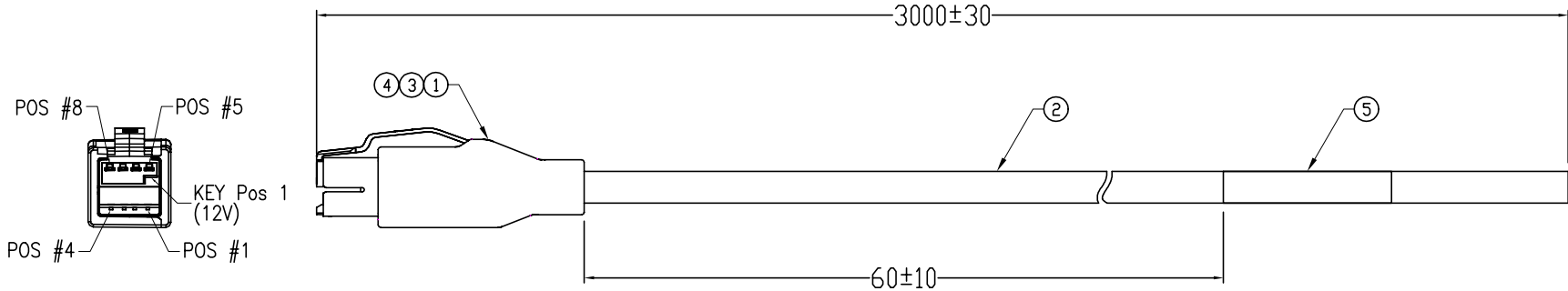
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



1		2		3		4	
FCI PART NO.		LENGTH "X"		REV		CHANGE RECORD	
10131125-Z0300YYLF		3000±30		A		FIRST ISSUE	
				B		CHANGE DRAWING FOMAT	



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

spec ref		See Notes		dr	Carl Wang	2014-11-03	projection 	MM 	size	A3	scale	N/A
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Carl Wang	2014-11-03			ecn no			
				chr	Guo-Feng Jin	2014-11-03			rel level			
				appr	Guo-Feng Jin	2014-11-03						
surface	linear	0.X	±		title	POWERUSB 12V SINGLE END CABLE ASSEMBLY			dwg no	10131125-Z0300YYLF		rev B
		0.XX	±									
		0.XXX	±									
	angular	0	±'	www.fci.com	cat. no.	Product - Customer Drw				sheet 1 of 2		

FCI PART NO.

SEE SHEET 1

NOTES:

1. USB+POWER MATES WITH FCI PART NUMBER: 55917-5XXLF.

2. PART NUMBER SCHEME FOR CABLE ASSEMBLY:

10131125 - Z 0 * 0 0 Y Y LF

LF: LEAD FREE

NOT APPLICABLE TO THIS ASSEMBLY

NOT APPLICABLE TO THIS ASSEMBLY

LENGTH (METERS & CENTIMETERS)

0300: 3 METERS 00 CENTIMETERS

WIRE GAGE

Z: MULTIPLE WIRE GAGE

3. LABEL POSITION SHALL BE APPROXIMATELY 330mm FROM REAR
OF CONNECTOR, LABEL SHOULD BE FLAG TYPE WRAPPED.4. LABEL SHOULD BE WHITE BACKGROUND WITH BLACK TEXT,
LABEL TEXT AS SHOW BELOW:

FCI	---MANUFACTURER CODE OR NAME
10131125-Z0300YYLF	---FCI P/N
REV.A	---REVISION
WWYY	---DATE CODE WWYY FORMAT
MADE IN CHINA	---COUNTRY ORIGIN

5. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY
AS DEFINED IN WIRING LIST.6. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE
100% HI-POT TESTED: DC 300V/10ms

8. OTHER ELECTRICAL SPECIFICATIONS:

CONNECTION RESISTANCE: 1.5 Ohms MAX.

DIELECTRIC RESISTANCE: 50M Ohms MIN.

OPERATING VOLTAGE: 30 VAC.

OPERATING CURRENT: 3A MAX.

OPERATING TEMP: 0 °C TO 75 °C.

9. PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK POLY BAG,

10. P1 STRAIN RELIEF PERFORMANCE:

BENDING CONDITION 1: 12 O'CLOCK TO 6 O'CLOCK;

BENDING CONDITION 2: 9 O'CLOCK TO 3 O'CLOCK;

A. BENDING ANGLE: 180°

B. CYCLING RATE: 20 CYCLES/MINUTE

C. BENDING RADIUS: MINIMUM ATTAINABLE




D. LOADING: 1000G

E. REQUEST: 100 CYCLES

F. AFTER TEST, THERE MUST NOT BE ANY VISIBLE SEPARATION OF CABLE JACKET
INSIDE THE STRAIN RELIEF, NO VISIBLE DAMAGE AND NO ABNORMITIES OF THE
PVC STRAIN RELIEF, THE CABLE ASSEMBLY MUST PASS ELECTRICAL TESTING.

11. MATERIAL:

1	EA	ADHESIVE LABEL	5
AR	MM	COPPER FOIL, 5MM WIDTH, DOUBLE CONDUCTIVE.	4
AR	MM	MYLAR FOR PICKING, 10*27MM.	3
AR	MM	USB+POWER CABLE: 28AWG*1P+20AWG*6C+SHIELD, BLACK.	2
1	EA	USB+POWER PLUG KIT (12V) TYPE A, KEY POSITION 1,BLACK	1
		FCI P/N: 74233-1029LF.	
QTY	UNIT	DESCRIPTION	ITEM

spec ref		See Notes		dr	Carl Wang	2014-11-03			size	A3	scale	N/A
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Carl Wang	2014-11-03			ecn no			
				chr	Guo-Feng Jin	2014-11-03						
				appr	Guo-Feng Jin	2014-11-03				product family	Pwrblade	rel level
surface	linear	0.X	±		title	POWERUSB 12V SINGLE END CABLE ASSEMBLY	dwg no	10131125-Z0300YYLF	rev			
		0.XX	±									
		0.XXX	±									
	angular	0°	±°	www.fci.com						cat. no.	Product - Customer Drw	