



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

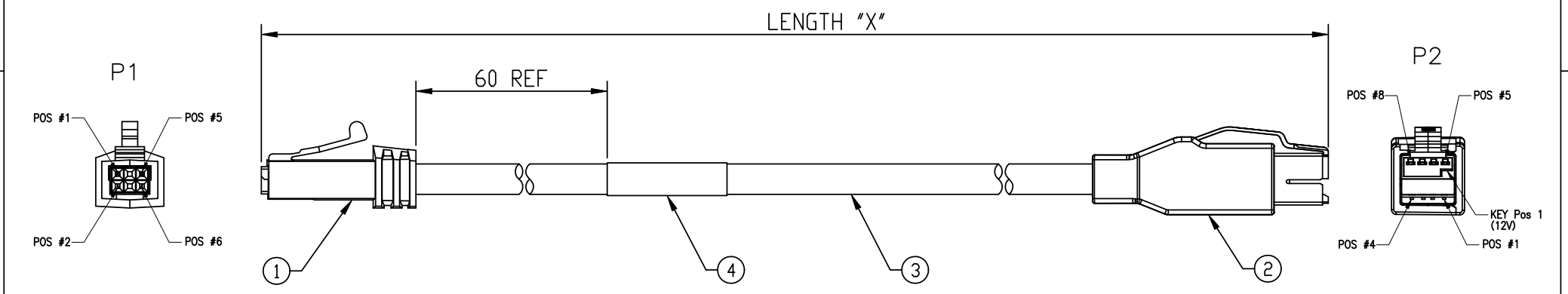
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



FCI CONFIDENTIAL

FCI
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

FCI PART NO.	POWER TYPE	LENGTH "X"
10083512-Z0050YYLF	12V	500+25/-0
10083512-Z0100YYLF	12V	1000±15
10083512-Z0300YYLF	12V	3000±25
10083512-Z0500YYLF	12V	5000±25



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

Mark with 10075076001 REV. proi_revision in area indicated by X....

rev	ecn no	dr	date
A	N08-0120	ST	6/18/2008

Material		Spec ref		spec_ref	
Mat code	Heatreat	surface	tolerance	projection	MM
Plating/Finish		ISO 1302	ISO 406 ISO 1101		
Dr Sunny Tsai	11/7/2007	Product family		size	Scale
Eng Sunny Tsai	11/7/2007	CABLE ASS'Y		A3	-
Chr Jackson Wang	11/7/2007	Model Name		ECN	
Appr Jackson Wang	11/7/2007	Model Revision		REL Level	
FCI		title		dwg no	Rev.
		CABLE: USB+POWER(12V) TO 2X3 LATCH-N-LOK (ROHS)		10083512	A
Pro/E file		catalog no		CUSTOMER DWG	sheet 1 of 2

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR			
ANGULAR	0°	±2°	

REV F - 2006-04-17

FCI PART NO. SEE SHEET 1

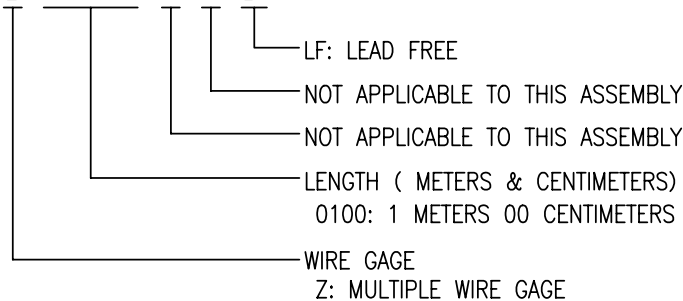
NOTES:

- 1. USB+POWER MATES WITH FCI PART NUMBER: 55917-5XXLF.
2x3 LATCH-N-LOK MATES WITH FCI PART NUMBER: 78097-XXXLF.

- 2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE
=< 1 METER= ±15.0mm
> 1 METER TO 10 METER= ±2% OF L1 OR L2
> 10 METER= +0%/-4% OF L1 OR L2

- 3. PART NUMBER SCHEME FOR CABLE ASSEMBLY:

10083512 - Z X X X X Y Y LF



- 4. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 60mm FROM REAR OF CONNECTOR.

- 5. UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE BRADY LABEL P/N THT-10-427-30.

LABEL DETAILS:

FCI	---	MANUFACTURER CODE OR NAME
10083512-ZXXXXYYLF	---	FCI P/N
REV.A	---	REVISION
WWYY	---	DATE CODE WWYY FORMAT
MADE IN CHINA	---	COUNTRY ORIGIN

- 6. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.

- 7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED: DC 300V/10ms

8. OTHER ELECTRICAL SPECIFICATIONS:

- DIELECTRIC RESISTANCE: 50M Ohms MIN.
- CONNECTION RESISTANCE: 0.8 Ohms MAX. (-Z0050YYLF, 0.5MR LENGTH)
1.2 Ohms MAX. (-Z0100YYLF, 1.0MR LENGTH)
1.5 Ohms MAX. (-Z0300YYLF, 3.0MR LENGTH)
1.8 Ohms MAX. (-Z0500YYLF, 5.0MR LENGTH)

- 9. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.

- 10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

- 11. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOWN ALL PART DETAIL, REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.

- 12. PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.

- 13. MATERIAL:

4	1	PC	ADHESIVE LABEL.
3	AR	MM	USB+POWER CABLE: 28AWG*1P+20AWG*4C+SHIELD.
2	1	PC	USB+POWER PLUG KIT (12V) TYPE A, KEY POSITION 1, FCI P/N: 74233-102LF.
1	1	PC	2X3 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, PEBBLE GRAY, FCI P/N: 74902-609LF.
ITEM	Q'TY	UNIT	DESCRIPTION

Mark with 10075076001 REV. prai_revision in area indicated by X....

rev	ecn no	dr	date
-	See sheet 1	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Material		Spec ref		spec_ref	
Mat code		surface	tolerance	projection	MM
Heattreat		ISO 1302	ISO 406		←→
Plating/Finish		ISO 1101	ISO 1101		
Dr	Sunny Tsai	11/7/2007	Product family	CABLE ASS'Y	size A3
Eng	Sunny Tsai	11/7/2007	Model Name		Scale -
Chr	Jackson Wang	11/7/2007	Model Revision		ECN
Appr	Jackson Wang	11/7/2007			REL Level
FCI		title		CABLE :USB+POWER(12V) TO 2X3 LATCH-N-LOK (ROHS)	
Pro/E file		catalog no		10083512	
		CUSTOMER DWG		sheet 2 of 2	

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR			
ANGULAR	0°	±2°	

FCI CONFIDENTIAL



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.