



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

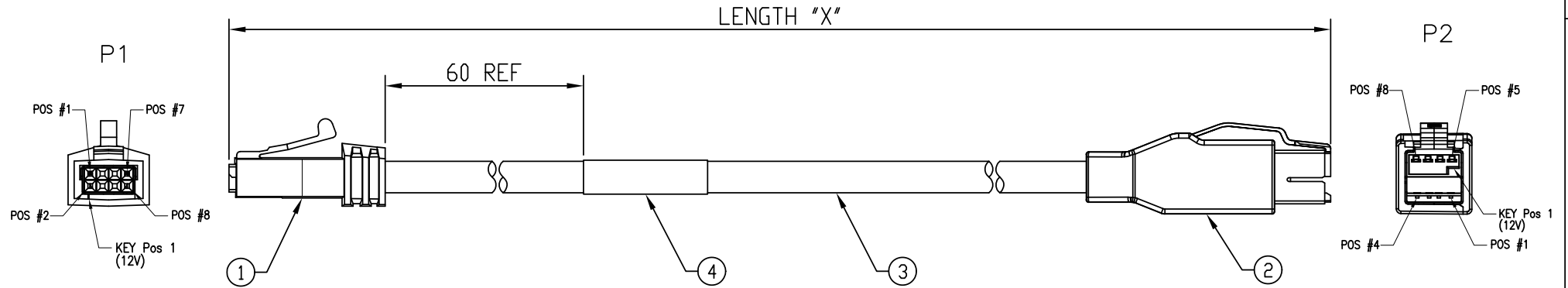
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



FCI PART NO.	POWER TYPE	LENGTH "X"
10089745-Z0050YYLF	12V	500+25/-0
10089745-Z0100YYLF	12V	1000±15
10089745-Z0200YYLF	12V	2000±20
10089745-Z0300YYLF	12V	3000±25
10089745-Z0500YYLF	12V	5000±25

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	GND	BLACK	20	4
1	12V RETURN	BLUE	20	5
2	+12V	BROWN	20	6
8	+12V	ORANGE	20	7
7	12V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

* TWISTED PAIR

C

C

D

D

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

Material		Spec ref		spec_ref	
Mat code		surface	tolerance	projection	MM
Heattreat		ISD 1302	ISD 406 ISD 1101		
Plating/Finish		Dr Sunny Tsai 6/17/2008		size	Scale
		Eng Sunny Tsai 6/17/2008		A3	-
		Chr Jackson Wang 6/17/2008		Product family CABLE ASS'Y	
		Appr Jackson Wang 6/17/2008		Model Name ECN	
				Model Revision REL Level	

rev	ecn no	dr	date
A	N08-0120	ST	6/18/2008
B	N09-0380	ST	11/30/2009
C	ECN-ELX-N-13469-1	ST	11/16/2012
D	ECN-ELX-N-15995-1	ST	10/4/2013
E	ECN-ELX-N-16651-1	ST	10/15/2013
-	-	-	-

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR			
ANGULAR	0°	±2°	-

	title	CABLE: USB+POWER(12V) TO 2X4 LATCH-N-LOK (RDHS)	dwg no	10089745	Rev. E
	Pro/E file	catalog no		CUSTOMER DWG	

FCI PART NO. SEE SHEET 1

NOTES:

- 1. USB+POWER MATES WITH FCI PART NUMBER: 55917-5XXLF.
2x4 LATCH-N-LOK MATES WITH FCI PART NUMBER:
74355-XY11LF OR 87316-XY11LF.
- 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:
10089745 - Z X X X X Y Y LF
 - LF: LEAD FREE
 - NOT APPLICABLE TO THIS ASSEMBLY
 - NOT APPLICABLE TO THIS ASSEMBLY
 - LENGTH (METERS & CENTIMETERS)
0100: 1 METERS 00 CENTIMETERS
 - WIRE GAGE
Z: MULTIPLE WIRE GAGE

- 8. OTHER ELECTRICAL SPECIFICATIONS:
DIELECTRIC RESISTANCE: 50M Ohms MIN.
CONNECTION RESISTANCE: 0.8 Ohms MAX. (FOR -Z0050YYLF)
1.2 Ohms MAX. (FOR -Z0100YYLF)
1.5 Ohms MAX. (FOR -Z0200YYLF)
1.8 Ohms MAX. (FOR -Z0300YYLF)
2.0 Ohms MAX. (FOR -Z0500YYLF)
- 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	EA	ADHESIVE LABEL.
3	AR	MM	USB+POWER CABLE: 28AWG*1P+20AWG*6C+SHIELD.
2	1	EA	USB+POWER PLUG KIT (12V) TYPE A, KEY POSITION 1, FCI P/N: 74233-102LF.
1	1	EA	2X4 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, <12V> KEY POSITION 1, BLACK, FCI P/N: 98028-8041LF.
ITEM	Q'TY	UNIT	DESCRIPTION

- 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
10089745-ZXXXXYYLF	----	FCI P/N
REV.E	----	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

Mark with 10075076001
REV. proj_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 ISO 1101		
Plating/Finish		Dr Sunny Tsai	6/17/2008	size	Scale
		Eng Sunny Tsai	6/17/2008	A3	-
		Chr Jackson Wang	6/17/2008	Product family CABLE ASS'Y	
		Appr Jackson Wang	6/17/2008	Model Name ECN	
				Model Revision REL Level	
		title CABLE :USB+POWER<12V> TO 2X4 LATCH-N-LOK (ROHS)		dwg no	10089745
Pro/E file		catalog no		Rev.	E
				CUSTOMER DWG	sheet 2 of 2

TOLERANCES UNLESS OTHERWISE SPECIFIED

	0°	±2°
LINEAR	-	-
ANGULAR	-	-