



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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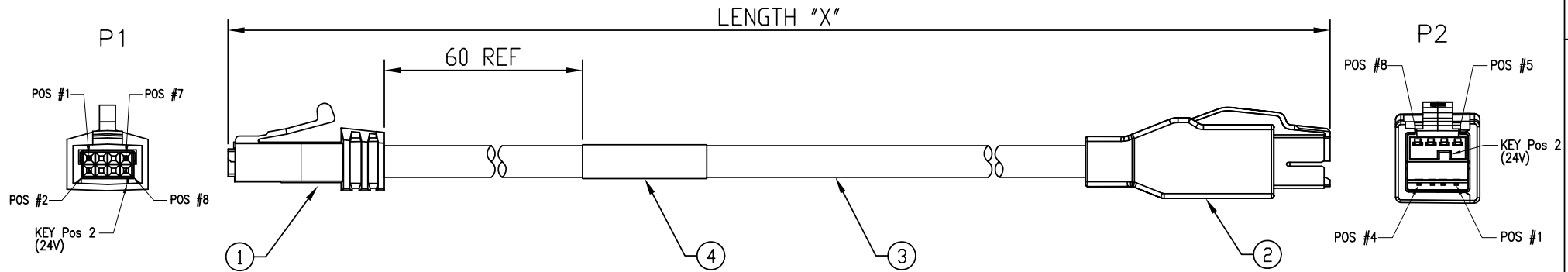
FCI PART NO.	POWER TYPE	LENGTH "X"
10089743-Z0050YYLF	24V	500+25/-0
10089743-Z0100YYLF	24V	1000±15
10089743-Z0200YYLF	24V	2000±20
10089743-Z0300YYLF	24V	3000±25
10089743-Z0500YYLF	24V	5000±25

A

A

B

B



C

C

D

D

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	24V RETURN	BLUE	20	5
2	+24V	BROWN	20	6
8	+24V	ORANGE	20	7
7	24V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

* TWISTED PAIR

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

Material	Spec ref	spec_ref	projection	MM
Mat code	surface	tolerance	ISO 406	← →
Heattreat	ISO 1302	ISO 1101	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

rev	ecn no	dr	date
A	N08-0120	ST	6/18/2008
B	N08-0258	ST	11/28/2008
C	ECN-ELX-N-13469-1	ST	11/16/2012
D	ECN-ELX-N-15995-1	ST	10/4/2013
E	ECN-ELX-N-16031-1	ST	10/15/2013
-	-	-	-

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

FCJ	title CABLE: USB+POWER(24V) TO 2X4 LATCH-N-LOK (ROHS)	dwg no 10089743	Rev. E

FCI PART NO. SEE SHEET 1

NOTES:

- USB+POWER MATES WITH FCI PART NUMBER: 55917-6XXLF.
2x4 LATCH-N-LOK MATES WITH FCI PART NUMBER:
74355-XY2LF OR 87316-XY2LF.
- 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
- PART NUMBER SCHEME FOR CABLE ASSEMBLY:
10089743 - Z X X X X Y Y LF

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

- UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 60mm FROM REAR OF CONNECTOR.
- UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE BRADY LABEL P/N THT-10-427-30.
LABEL DETAILS:

FCI	----MANUFACTURER CODE OR NAME
10089743-ZXXXXYYLF	----FCI P/N
REV.E	----REVISION
WWYY	----DATE CODE WWYY FORMAT
MADE IN CHINA	----COUNTRY ORIGIN

- ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
- UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED: DC 300V/10ms

- 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)
- THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOWN ALL PART DETAIL, REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
- PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.
- MATERIAL:

4	1	EA	ADHESIVE LABEL.
3	AR	MM	USB+POWER CABLE: 28AWG*1P+20AWG*6C+SHIELD.
2	1	EA	USB+POWER PLUG KIT (24V) TYPE A, KEY POSITION 2, FCI P/N: 74233-202LF.
1	1	EA	2X4 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, <24V> KEY POSITION 2, BLACK, FCI P/N: 98028-8042LF.
ITEM	Q'TY	UNIT	DESCRIPTION

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

Material		Spec ref	spec_ref		projection MM
Mat code		surface	tolerance		
Heattreat		ISO 1302	ISO 406	ISO 1101	
Plating/Finish		Dr Sunny Tsai 6/17/2008		size	Scale
Eng Sunny Tsai 6/17/2008		Product family		A3	-
Chr Jackson Wang 6/17/2008		Model Name		ECN	
Appr Jackson Wang 6/17/2008		Model Revision		REL Level	
		title		dwg no	Rev.
		CABLE :USB+POWER<24V> TO 2X4 LATCH-N-LOK (ROHS)		10089743	E
Pro/E file		catalog no		CUSTOMER DWG	sheet 2 of 2

TOLERANCES UNLESS OTHERWISE SPECIFIED		
LINEAR		
ANGULAR	0° ±2°	

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