



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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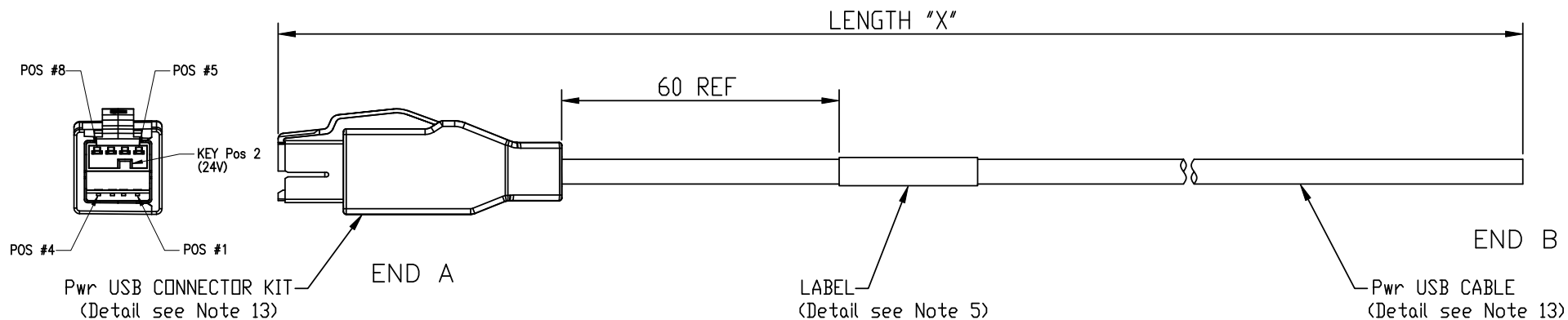
1

2

3

4

FCI PART NO.	POWER TYPE	LENGTH "X"
10084089-Z0050YYLF	24V	500+25/-0
10084089-Z0100YYLF	24V	1000±15
10084089-Z0300YYLF	24V	3000±25
10084089-Z0500YYLF	24V	5000±25



PIN ASSIGNMENT				
END A	SIGNAL NAME	WIRE COLOR	WIRE AWG	END B
1	VBUS (+5V)	RED	20	-
2	DATA -	WHITE	28	-
3	DATA +	GREEN	28	-
4	GND	BLACK	20	-
5	24V GND	BLUE	20	-
6	+24V	BROWN	20	-
7	+24V	ORANGE	20	-
8	24V GND	YELLOW	20	-
SHELL	FRAME GND	-	SHIELD	-

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

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

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

Material		Spec ref	spec_ref	
Mat code	Heatreat	surface	tolerance	projection
Plating/Finish		ISO 1302	ISO 406 ISO 1101	MM
Dr	Sunny Tsai	10/11/2007	size	Scale
Eng	Sunny Tsai	10/11/2007	A3	-
Chr	Jackson Wang	10/11/2007	Product family	CABLE ASS'Y
Appr	Jackson Wang	10/11/2007	Model Name	ECN
			Model Revision	REL Level
FCI		title	no	Rev.
Pro/E file		SINGLE END POWER USB 24V CABLE ASSEMBLY - BLACK	10084089	A
		catalog no	CUSTOMER DWG	sheet 1 of 3

REV F - 2006-04-17

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3PDM: Rev:A

STATUS: Released

Printed: Jul 10, 2009

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FCI

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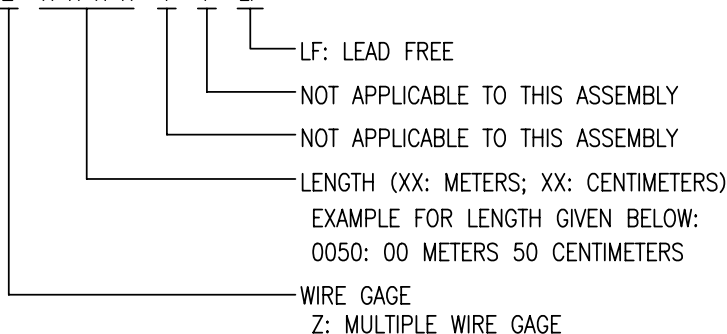
FCI PART NO. SEE SHEET 1

NOTES:

- 1. MATES WITH FCI PART NUMBER: 55917/57496.
- 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:

10084089 - 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
10084089-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 BY APPLYING 300V DC FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
- 8. OTHER TESTING PERFORMED AS REQUIRED:
 DIELECTRIC RESISTANCE: 50M Ohms MIN.
 CONNECTION RESISTANCE: 0.8 Ohms MAX. (-Z0050YYLF, 0.5MR LENGTH)
 1.0 Ohms MAX. (-Z0100YYLF, 1.0MR LENGTH)
 1.2 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 CLDEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.

Mark with 10075076001 REV. prj_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
Heat treat			ISO 1302	ISO 406 ISO 1101		
Plating/Finish			Dr Sunny Tsai 10/11/2007		size	Scale
Eng Sunny Tsai 10/11/2007			Product family		A3	-
Chr Jackson Wang 10/11/2007			Model Name		ECN	
Appr Jackson Wang 10/11/2007			Model Revision		REL Level	
FCI			title		dwg no	Rev.
Pro/E file			catalog no		10084089	A
TOLERANCES UNLESS OTHERWISE SPECIFIED			CUSTOMER DWG		sheet 2 of 3	
LINEAR						
ANGULAR	0°	±2°				

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