

1

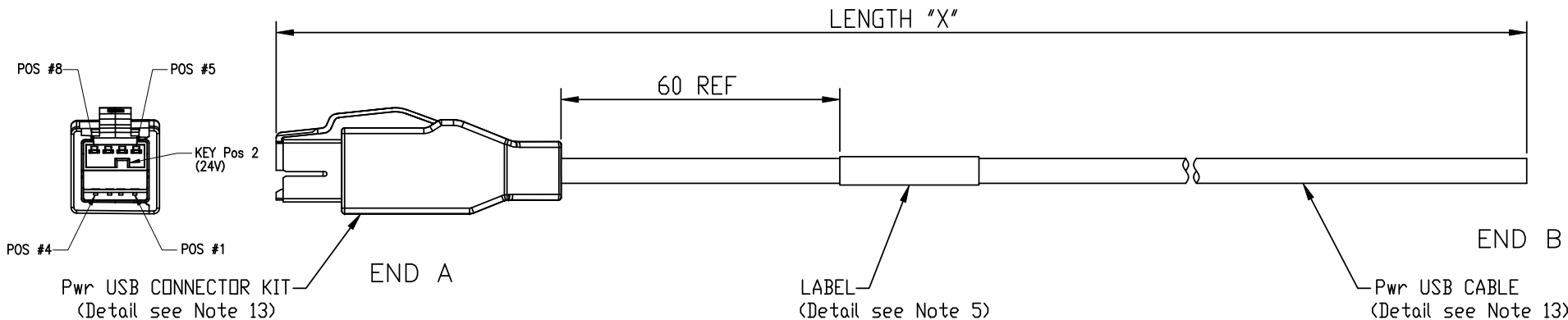
2

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

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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

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

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

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REV F - 2006-04-17

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3 PDM: Rev:A

STATUS Released

Printed: Jul 10, 2009

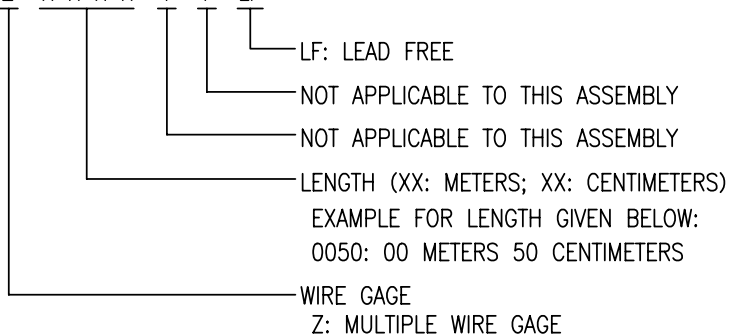
FCI PART NO. SEE SHEET 1

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. 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
Heat/treat			ISO 1302	ISO 406		← →
Plating/Finish				ISO 1101		
Dr	Sunny Tsai	10/11/2007	Product family		size	Scale
Eng	Sunny Tsai	10/11/2007	CABLE ASS'Y		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.
			SINGLE END POWER USB 24V CABLE ASSEMBLY - BLACK		10084089	A
Pro/E file			catalog no		CUSTOMER DWG	sheet 2 of 3

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