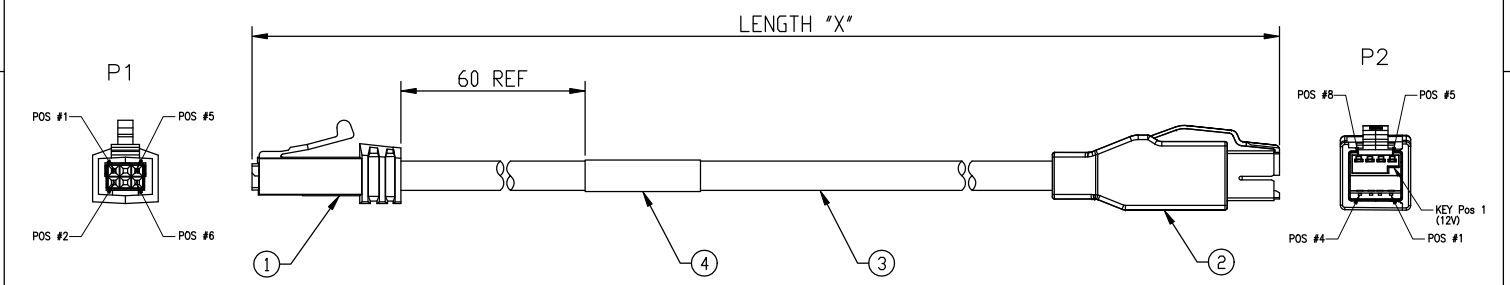


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FCI PART NO.	POWER TYPE	LENGTH "X"
10083512-Z0050YYLF	12V	500+25/-0
10083512-Z0100YYLF	12V	1000±15
10083512-Z0300YYLF	12V	3000±25
10083512-Z0500YYLF	12V	5000±25



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

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

2

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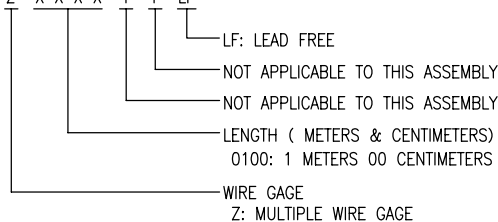
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1	2	3	4
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FCI PART NO.	SEE SHEET 1
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**NOTES:**

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-ZXXXXYLF	---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. proj\_revision in area indicated by X....

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

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

TOLERANCES UNLESS OTHERWISE SPECIFIED		
LINEAR		
ANGULAR	0°	±2°

2

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