

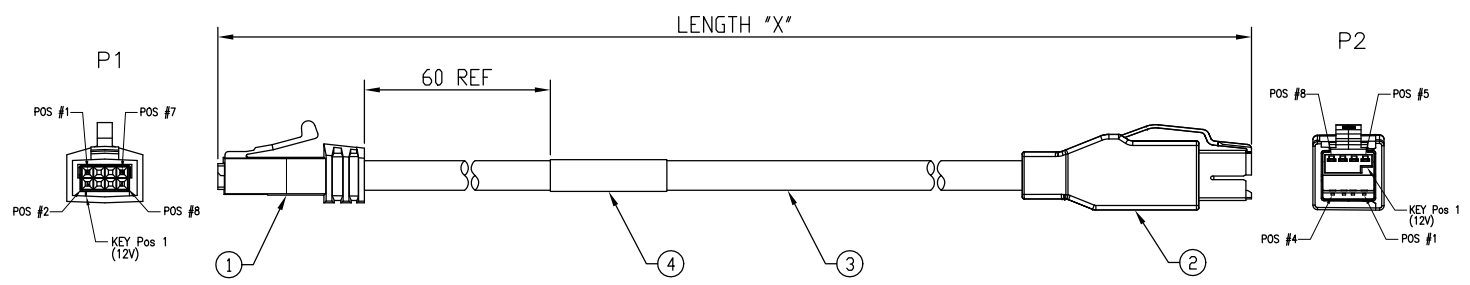
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FCI PART NO.	POWER TYPE	LENGTH "X"
10089745-Z0050YYLF	12V	500+25/-0
10089745-Z0100YYLF	12V	1000±15
10089745-Z0150YYLF	12V	1500±20
10089745-Z0300YYLF	12V	3000±25
10089745-Z0500YYLF	12V	5000±25



PIN ASSIGNMENT				
P1	SIGNAL NAME	WIRE COLOR	WIRE AWG	P2
8	VBUS (+5V)	RED	20	1
6	DATA -	WHITE	28	2
4	DATA +	GREEN	28	3
2	GND	BLACK	20	4
7	12V RETURN	BLUE	20	5
5	+12V	BROWN	20	6
3	+12V	ORANGE	20	7
1	12V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

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

Material		Spec ref	spec_ref	projection	MM
Mat code		surface	tolerance	⊕	
Heatreat		ISO 1302	ISO 406	←	Scale
Plating/Finish			ISO 1101	⊕	-
Dr	Sunny Tsai	6/17/2008		size	A3
Eng	Sunny Tsai	6/17/2008	Product family	CABLE ASS'Y	
Chr	Jackson Wang	6/17/2008	Model Name	ECN	
Appr	Jackson Wang	6/17/2008	Model Revision	REL Level	
			CABLE: USB+POWER(12V) TO 2X4 LATCH-N-LOK (RHS)		Rev.
			dwg no	10089745	B
Pro/E file		catalog no	CUSTOMER DWG	sheet 1 of 2	

TOLERANCES UNLESS OTHERWISE SPECIFIED				
rev	ecn no	dr	date	
A	N08-0120	ST	6/18/2008	
B	N09-0380	ST	11/30/2009	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
LINEAR				
ANGULAR	0°	±2°		

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C

D

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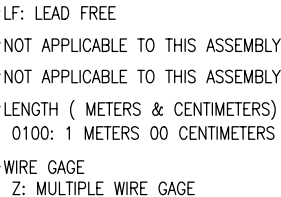
3

4

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-XY1LF OR 87316-XY1LF.
- 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



- 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-ZXXXXXYYLF	---	FCI P/N
REV.B	---	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)
1.2 Ohms MAX. (-Z0100YYLF, -Z01500YYLF)
1.5 Ohms MAX. (-Z0300YYLF)
1.8 Ohms MAX. (-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

Mark with
10075076001
REV. pro_l 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		
Heatreat	ISO 1302	ISO 406 ISO 1101		
Plating/Finish	Dr	6/17/2008	size	A3
	Eng	6/17/2008	Product family	CABLE ASS'Y
	Chr	6/17/2008	Model Name	ECN
	Appr	6/17/2008	Model Revision	REL Level
			part no	10089745
CABLE :USB+POWER(12V) TO 2X4 LATCH-N-LOK (R0HS)			Rev.	B
Pro/E file	catalog no	CUSTOMER DWG	sheet 2 of 2	

TOLERANCES UNLESS OTHERWISE SPECIFIED

	0°	±2°			
LINEAR					
ANGULAR					

2