

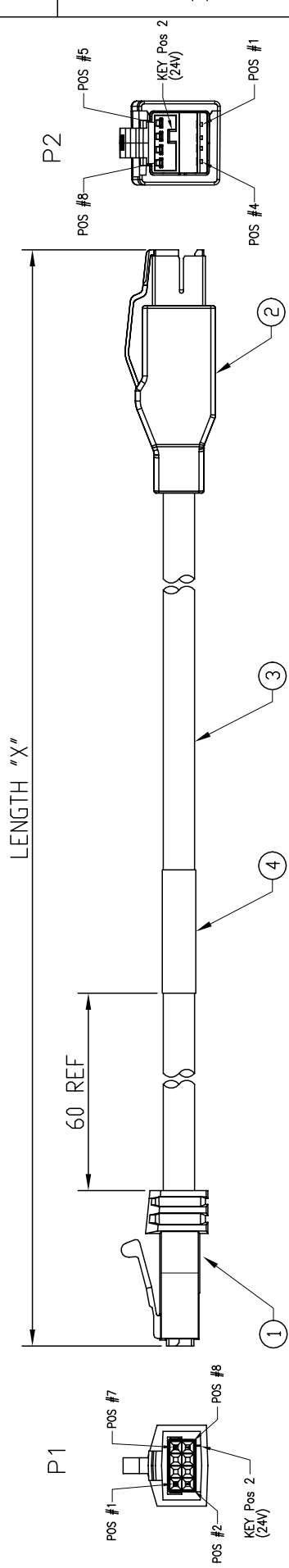
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FCI PART NO.	POWER TYPE	LENGTH "X"
10089743-Z0050YYLF	24V	500+25/-0
10089743-Z0100YYLF	24V	1000±15
10089743-Z0300YYLF	24V	3000±25
10089743-Z0500YYLF	24V	5000±25



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	24V RETURN	BLUE	20	5
5	+24V	BROWN	20	6
3	+24V	ORANGE	20	7
1	24V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

Mark with 10075076001 REV. pro. revision in area indicated by X.....		Dr. Sunny Tsai	6/17/2008	Product family	CABLE ASSY
rev	ecn no	date		Material	spec. ref
A	N08-0120	6/18/2008		Mat code	tolerance
B	N08-0258	11/28/2008		Heatreat	ISO 406
				Plating/Finish	ISO 1101
				Eng Sunny Tsai	ISO 1302
				Chr Jackson Wang	Product Name
				Appr Jackson Wang	Model Name
					Model Revision
					REL Level
					ECN
					size
					A3
					Scale
					-
					MM
					projection
					projection
					size
					REL Level
					Rev.
					B

TOLERANCES, UNLESS OTHERWISE SPECIFIED	
LINEAR	±0.25
ANGULAR	0° ±2°

FCI
 Cable: USB+POWER(24V)
 TO 2X4 LATCH-N-LOK (ROHS)

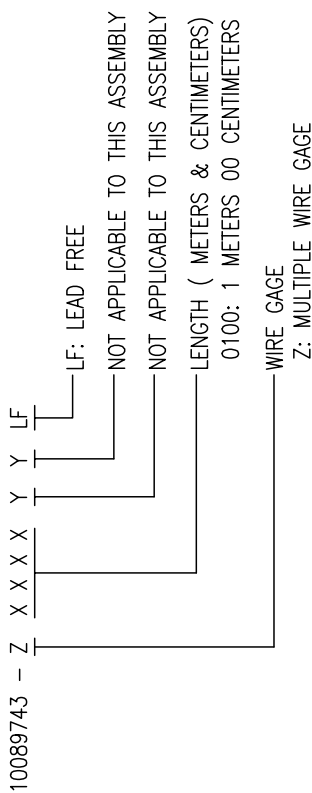
FCI PART NO. SEE SHEET 1

NOTES:

1. USB+POWER MATES WITH FCI PART NUMBER: 55917-6XXLF.
 2x4 LATCH-N-LOK MATES WITH FCI PART NUMBER:
 74355-XY2LF OR 87316-XY2LF.

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:



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 TH1-10-427-30.

LABEL DETAILS:

FCI
10089743-ZXXXXXYLF
REV.B
WWYY
MADE IN CHINA

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	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. pro. revision in area indicated by X****		Material		Spec ref		spec_ref	
rev	ecn no	dr	date	Mat code	surface	tolerance	projection
-	-	-	-	Heatreat	ISO 1302	ISO 406	MM
-	-	-	-	Plating/Finish	ISO 1101	ISO 1101	size
-	-	-	-	Dr Sunny Tsai	6/17/2008	Product family	A3
-	-	-	-	Eng Sunny Tsai	6/17/2008	CABLE ASS'Y	Scale
-	-	-	-	Chr Jackson Wang	6/17/2008	Model Name	-
-	-	-	-	Appr Jackson Wang	6/17/2008	Model Revision	REL Level
TOLERANCES UNLESS OTHERWISE SPECIFIED				FCI			
LINEAR				CABLE :USB+POWER(24V)			
ANGULAR 0° ±2°				TO 2X4 LATCH-N-LOK (ROHS)			
				Pro/E file		catalog no	
				10089743		CUSTOMER DWG	
				Rev. B		Sheet 2 of 2	

