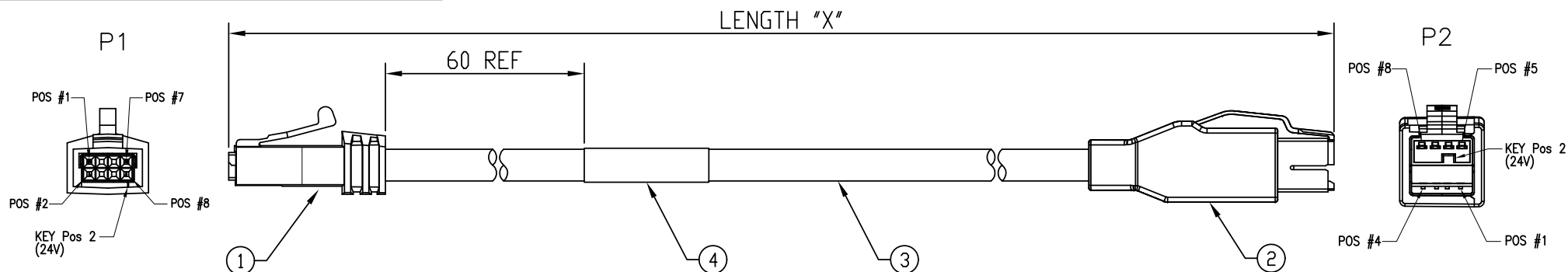


A

FCI PART NO.	POWER TYPE	LENGTH "X"
10089743-Z0050YYLF	24V	500±25/-0
10089743-Z0100YYLF	24V	1000±15
10089743-Z0200YYLF	24V	2000±20
10089743-Z0300YYLF	24V	3000±25
10089743-Z0500YYLF	24V	5000±25

B



C

PIN ASSIGNMENT				
P1	SIGNAL NAME	WIRE COLOR	WIRE AWG	P2
3	VBUS (+5V)	RED	20	1
6	DATA -	WHITE	28 *	2
4	DATA +	GREEN	28 *	3
5	GND	BLACK	20	4
1	24V RETURN	BLUE	20	5
2	+24V	BROWN	20	6
8	+24V	ORANGE	20	7
7	24V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

* TWISTED PAIR

D

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

Material		Spec ref		spec_ref	
Mat code		surface	✓	tolerance	ISO 406
Heattreat		ISO 1302		projection	MM
Plating/Finish		ISO 1302		size	A3
Dr	Sunny Tsai	6/17/2008	Product family CABLE ASS'Y		
Eng	Sunny Tsai	6/17/2008	Model Name		
Chr	Jackson Wang	6/17/2008	Model Revision		
Appr	Jackson Wang	6/17/2008	REL Level		

TOLERANCES UNLESS OTHERWISE
SPECIFIED

	LINEAR	ANGULAR	0°	±2°
A	N08-0120	ST	6/18/2008	
B	N08-0258	ST	11/28/2008	
C	ECN-CLX-H-13469-1	ST	11/16/2012	
D	ECN-CLX-H-15995-1	ST	10/4/2013	
E	ECN-CLX-H-16031-1	ST	10/15/2013	
-	-	-	-	-



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

dwg no

10089743

Rev.
E

Pro/E file	catalog no	CUSTOMER DWG	sheet 1 of 2
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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= $\pm 15.0\text{mm}$
> 1 METER TO 10 METER= $\pm 2\%$ OF L1 OR L2
> 10 METER= $+0\%/-4\%$ OF L1 OR L2
3. PART NUMBER SCHEME FOR CABLE ASSEMBLY:
10089743 - Z X X X X Y Y LF
- LF: LEAD FREE
NOT APPLICABLE TO THIS ASSEMBLY
NOT APPLICABLE TO THIS ASSEMBLY
LENGTH (METERS & CENTIMETERS)
0100: 1 METERS 00 CENTIMETERS
WIRE GAGE
Z: MULTIPLE WIRE GAGE

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
10089743-ZXXXXYYLF	---	FCI P/N
REV.E	---	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. (FOR -Z0050YYLF)
1.2 Ohms MAX. (FOR -Z0100YYLF)
1.5 Ohms MAX. (FOR -Z0200YYLF)
1.8 Ohms MAX. (FOR -Z0300YYLF)
2.0 Ohms MAX. (FOR -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 (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. proj_revision
in area indicated
by X....

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

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINER			
ANGULAR	0°	$\pm 2^\circ$	

Material		Spec ref	spec_ref	projection		MM	
Mat code		surface	tolerance	ISO 1302	ISO 406 ISO 1101	A3	Scale -
Heat treat							
Plating/Finish							
Dr	Sunny Tsai	6/17/2008					
Eng	Sunny Tsai	6/17/2008					
Chr	Jackson Wang	6/17/2008					
Appr	Jackson Wang	6/17/2008					
Product family		CABLE ASS'Y		size		Scale	
Model Name				ECN			
Model Revision				REL Level			
FCI		CABLE :USB+POWER<24V> TO 2X4 LATCH-N-LOK (ROHS)		dwg no		10089743	
Pro/E file		catalog no		CUSTOMER DWG		sheet 2 of 2	