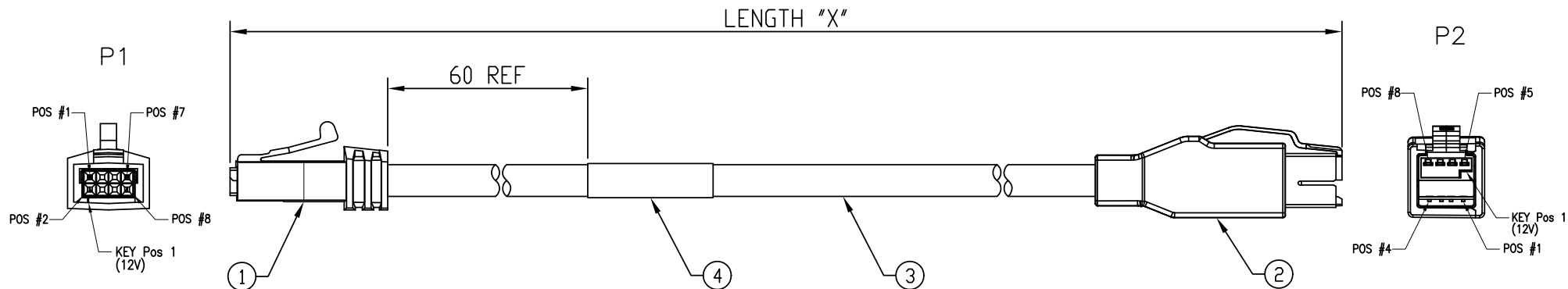


FCI PART NO.	POWER TYPE	LENGTH "X"
10089745-Z0050YYLF	12V	500+25/-0
10089745-Z0100YYLF	12V	1000±15
10089745-Z0150YYLF	12V	1500±20
10089745-Z0300YYLF	12V	3000±25
10089745-Z0500YYLF	12V	5000±25



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. proj_revision
in area indicated
by X....

rev	ecn no	dr	date
A	N08-0120	ST	6/18/2008
B	N09-0380	ST	11/30/2009
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR			
ANGULAR	0°	±2°	

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

FCI PART NO. SEE SHEET 1

NOTES:

- USB+POWER MATES WITH FCI PART NUMBER: 55917-5XXLF.
2x4 LATCH-N-LOK MATES WITH FCI PART NUMBER:
74355-XY1LF OR 87316-XY1LF.
- 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
- PART NUMBER SCHEME FOR CABLE ASSEMBLY:
10089745 - 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

- UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 60mm FROM REAR OF CONNECTOR.
- UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE BRADY LABEL P/N THT-10-427-30.
LABEL DETAILS:

FCI	---	MANUFACTURER CODE OR NAME
10089745-ZXXXXYYLF	---	FCI P/N
REV.B	---	REVISION
WWYY	---	DATE CODE WWYY FORMAT
MADE IN CHINA	---	COUNTRY ORIGIN

- ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 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. proj_revision
in area indicated
by X....

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

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR			
ANGULAR	0°	±2°	

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