

1			2		3		4	
FCI PART NO.	POWER TYPE	LENGTH "X"						
10116004-Z0300YYLF	12V	3000±25						

LENGTH "X"

60 REF

P1

POS #1

POS #8

1

2

3

4

P2

POS #8

POS #5

KEY Pos 1 (12V)

POS #4

POS #1

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

Mark with 10075076001 REV. prod_revision in area indicated by X.....				Material		Spec ref		spec_ref	
rev	ecn no	dr	date	Dr	Mat code	surface	tolerance	projection	MM
A	N10-0359	JY	10/25/2010	Eng Jerry Yi	10/25/2010	Heatreat	ISO 406	size A3	Scale -
-	-	-	-	Chr Jerry Yi	10/25/2010	Plating/Finish	ISO 1101	ECN	
-	-	-	-	Appr Jackson Wang	10/25/2010			REL Level	

TOLERANCES UNLESS OTHERWISE SPECIFIED				Material		Spec ref		spec_ref	
LINEAR				Dr	Mat code	surface	tolerance	projection	MM
ANGULAR	0°	±2°	-	Eng Jerry Yi	10/25/2010	Heatreat	ISO 406	size A3	Scale -
			-	Chr Jerry Yi	10/25/2010	Plating/Finish	ISO 1101	ECN	
			-	Appr Jackson Wang	10/25/2010			REL Level	

FCI		CABLE: USB+POWER(12V) TO 1X8 LATCH-N-LOK (ROHS)		dwg no		Rev.	
Pro/E file	catalog no			10116004		A	

CUSTOMER DWG		sheet 1 of 2	

REV F - 2004-04-17

2

3

4

1

2

3

4

FCI PART NO. SEE SHEET 1

NOTES:

1. USB+POWER MATES WITH FCI PART NUMBER: 55917-6XXLF.
1x8 LATCH-N-LOK MATES WITH FCI PART NUMBER: 69913-XXXLF.

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:

10116004 - Z X X X X Y Y LF

LF: LEAD FREE
NOT APPLICABLE TO THIS ASSEMBLY
NOT APPLICABLE TO THIS ASSEMBLY
LENGTH (METERS & CENTIMETERS)
0300: 3 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
10116004-ZXXXXYYLF	---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: 1.5 Ohms MAX. (-Z0300YYLF, 3.0MR 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.BLACK
2	1	EA	USB+POWER PLUG KIT (12V) TYPE A, KEY POSITION 1, FCI P/N: 74233-1029LF.BLACK.
1	1	EA	1X8 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, FCI P/N: 74903-704LF.BLACK.
ITEM	Q'TY	UNIT	DESCRIPTION

Mark with
10075076001
REV. prod_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 ✓ ISO 1302	tolerance	projection	MM ←————→	
Heat treat				ISO 406			
Plating/Finish				ISO 1101			
Dr	Jerry Yi	10/25/2010	size			Scale	
Eng	Jerry Yi	10/25/2010	Product family	CABLE ASS'Y		A3 —	
Chr	Jerry Yi	10/25/2010	Model Name			ECN	
Appr	Jackson Wang	10/25/2010	Model Revision			REL Level	
		title			dwg no		Rev
		CABLE :USB+POWER(12V) TO 1X8 LATCH-N-LOK (ROHS)			10116004		A
Pro/E file		catalog no			CUSTOMER DWG		sheet 2 of 2

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