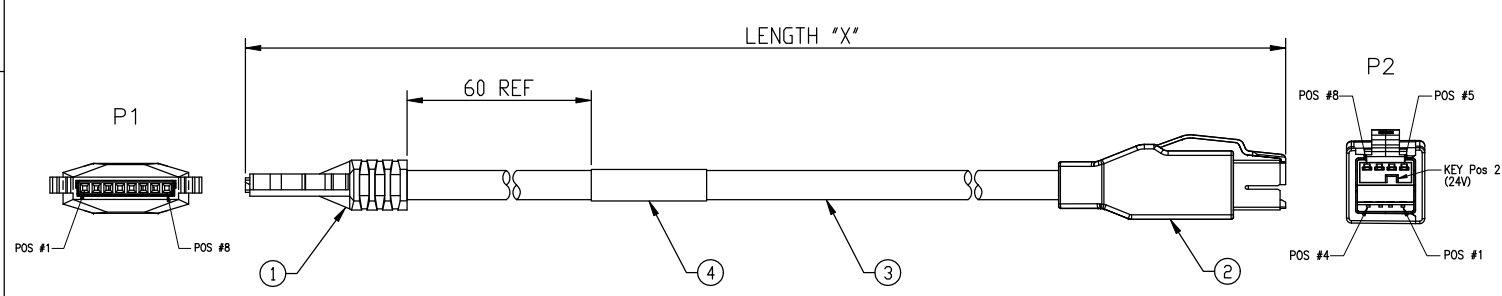


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FCI PART NO.	POWER TYPE	LENGTH "X"
10083511-Z0050YYLF	24V	500+25/-0
10083511-Z0100YYLF	24V	1000±15
10083511-Z0300YYLF	24V	3000±25
10083511-Z0500YYLF	24V	5000±25



PIN ASSIGNMENT				
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	24V RETURN	BLUE	20	5
2	+24V	BROWN	20	6
7	+24V	ORANGE	20	7
8	24V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

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

Material	Spec ref	spec_ref	projection	MM
Mat code	surface	tolerance	ISO 406	Scale -
Heat treat	ISO 1302	ISO 1101	ISO 1101	
Plating/Finish	Dr Sunny Tsai 11/7/2007	Product family	CABLE ASS'Y	size A3
	Eng Sunny Tsai 11/7/2007	Model Name		REL Level
	Chr Jackson Wang 11/7/2007	Model Revision		
	Appr Jackson Wang 11/7/2007			
FCI	title	CABLE: USB+POWER(24V) TO 1X8 LATCH-N-LOK (ROHS)	dwg no	10083511
Pro/E file	catalog no		CUSTOMER DWG	sheet 1 of 2

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR	ANGULAR	0°	±2°

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1	2	3	4
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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-XXLF.
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:
 10083511 - 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

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. 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
10083511-ZXXXXYYLF	---FCI P/N
REV.A	---REVISION
WYYY	---DATE CODE WYYY FORMAT
MADE IN CHINA	---COUNTRY ORIGIN

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	1X8 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, PEBBLE GRAY, FCI P/N: 74903-709LF.
ITEM	Q'TY	UNIT	DESCRIPTION

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

Mark with 10075076001 REV. proj_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	ISO 406	← ⊕ ⊙ →
Heat treat		ISO 1302	ISO 1101	ISO 1101	
Plating/Finish		Dr	Sunny Tsai	11/7/2007	size
		Eng	Sunny Tsai	11/7/2007	A3
		Chr	Jackson Wang	11/7/2007	Scale
		Appr	Jackson Wang	11/7/2007	-
		Product family		CABLE ASS'Y	
		Model Name		ECN	
		Model Revision		REL Level	
FCI		Title		CABLE :USB+POWER(24V) TO 1X8 LATCH-N-LOK (R0HS)	
Pro/E file		catalog no		dwg no	
				10083511	
				Rev.	
				A	
		CUSTOMER DWG		sheet 2 of 2	

TOLERANCES UNLESS OTHERWISE SPECIFIED		
LINEAR		
ANGULAR	0°	±2°

REV 7 - 886-14-D

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3PDM: Rev:A STATUS: Released Printed: Jul 10, 2009