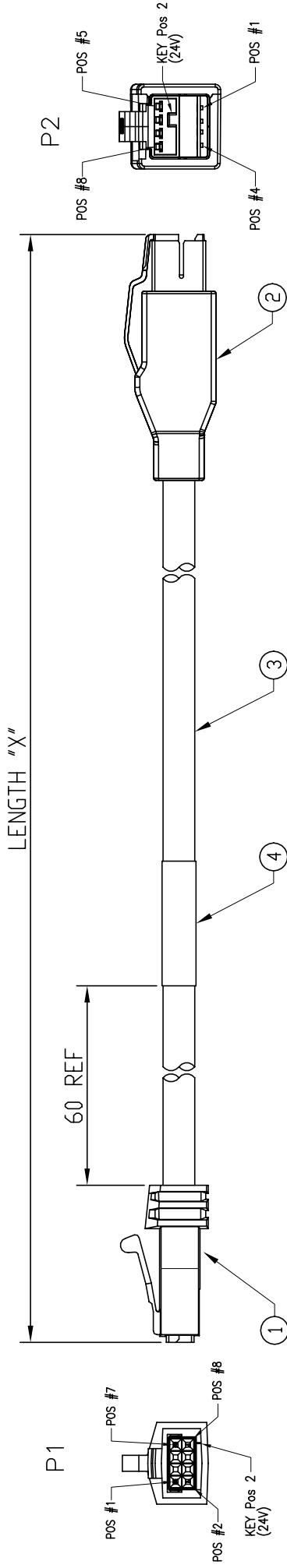


FCI PART NO.	POWER TYPE	LENGTH "X"
10089743-Z0050YYLF	24V	500+25/-0
10089743-Z0100YYLF	24V	1000±15
10089743-Z0300YYLF	24V	3000±25
10089743-Z0500YYLF	24V	5000±25



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

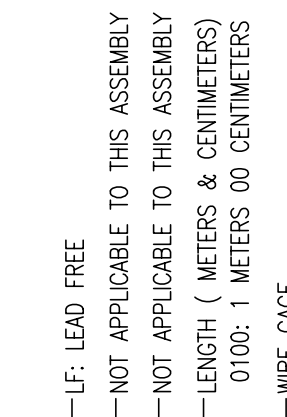
Mark with 10075076001 REV, pro_revision in area indicated by X,...		Material	Spec ref	spec_ref	tolerance	projection	MM
rev	ecn no	date	surface	ISD 1302	ISD 406	ISD 1101	Scale
A	N08-0120	6/18/2008	ISD 1302	ISD 1302	ISD 406	ISD 1101	—
B	N08-0258	11/28/2008	ISD 1302	ISD 1302	ISD 406	ISD 1101	—
Dr Sunny Tsai		6/17/2008	Product family	CABLE ASS'Y	size	A3	REL Level
Eng Sunny Tsai		6/17/2008	Model Name		ECN		
Chr Jackson Wang		6/17/2008	Model Revision				
Appr Jackson Wang		6/17/2008					
FCI							
CABLE: USB+POWER(24V)							
TO 2X4 LATCH-N-LOK (ROHS)							
Pro/E file	catalog no	dwg no	10089743				Rev. B
±2*	0*						
CUSTOMER DWG		sheet 1 of 2					

TOLERANCES UNLESS OTHERWISE SPECIFIED	
LINEAR	
ANGULAR	0*

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-XXYZLF OR 87316-XXYZLF.
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:  
10089743 - Z X X X X Y Y LF



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  
10089743-ZXXXXXXLF  
REV B  
WVWY  
MADE IN CHINA  
---MANUFACTURER CODE OR NAME  
---FCI P/N  
---REVISION  
---DATE CODE WVWY FORMAT  
---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. (-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

Material		Spec ref	spec_ref	projection	MM
Mat code	Heatreat	surface	tolerance	ISO 406	MM
Plating/Finish		ISO 1302	ISO 1101	ISO 1101	
Dr	Sunny Tsai	6/17/2008	Product family	CABLE ASSY	size
Eng	Sunny Tsai	6/17/2008	Model Name	Model Name	REL Level
Chr	Jackson Wang	6/17/2008	Model Revision	Model Revision	ECN
Appr	Jackson Wang	6/17/2008	Model Revision	Model Revision	REL Level
		CABLE :USB+POWER(24V) # TO 2X4 LATCH-N-LOK (ROHS)		10089743	Rev. B
Pro/E file	catalog no	customer DWG	sheet 2 of 2		