

Excellent Integrated System Limited

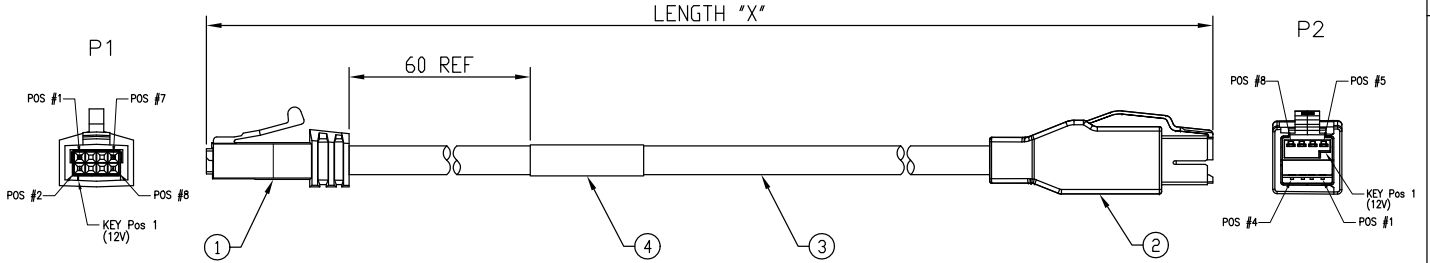
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10089745-Z0500YYLF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

FCI PART NO.	POWER TYPE	LENGTH "X"
10089745-Z0050YYLF	12V	500+25/-0
10089745-Z0100YYLF	12V	1000±15
10089745-Z0200YYLF	12V	2000±20
10089745-Z0300YYLF	12V	3000±25
10089745-Z0500YYLF	12V	5000±25



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	12V RETURN	BLUE	20	5
2	+12V	BROWN	20	6
8	+12V	ORANGE	20	7
7	12V RETURN	YELLOW	20	8
SHELL	FRAME GND	BRAID		SHELL

* TWISTED PAIR

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

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

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR	ANGULAR	0°	±2°

rev	ecn no	dr	date
A	N08-0120	ST	6/18/2008
B	N09-0380	ST	11/30/2009
C	EDN-ELK-N-0409-A	ST	11/16/2012
D	EDN-ELK-N-0795-A	ST	10/4/2013
E	EDN-ELK-N-1625-A	ST	10/15/2013

REV - 000-00-0

2

3

PDS: Rev :E

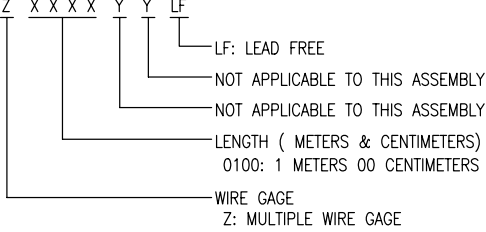
STATUS:Released

Printed: Oct 15, 2013

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



- 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.E	---	REVISION
WYYY	---	DATE CODE WYYY FORMAT
MADE IN CHINA	---	COUNTRY ORIGIN

- 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)
- THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
- LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOWN ALL PART DETAIL, REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
- PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.
- 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

- 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

Mark with 10075076001 REV. pro_revision in area indicated by X....				Material		Spec ref		spec_ref	
rev				Mat code		surface		tolerance	
ecn no				Heat treat		ISO 1302		ISO 406	
dr				Plating/Finish		ISO 1101		projection	
date				Dr Sunny Tsai 6/17/2008		size A3		Scale	
-				Eng Sunny Tsai 6/17/2008		Product family CABLE ASS'Y		REL Level	
-				Chr Jackson Wang 6/17/2008		Model Name		ECN	
-				Appr Jackson Wang 6/17/2008		Model Revision		REL Level	
-				FCI		CABLE :USB+POWER(12V)		10089745	
-				TO 2X4 LATCH-N-LOK (ROHS)		DWG no		Rev. E	
-				Pro/E file catalog no		CUSTOMER DWG		sheet 2 of 2	

TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR			
ANGULAR	0°	±2°	

REV: 2013-03