

Excellent Integrated System Limited

Stocking Distributor

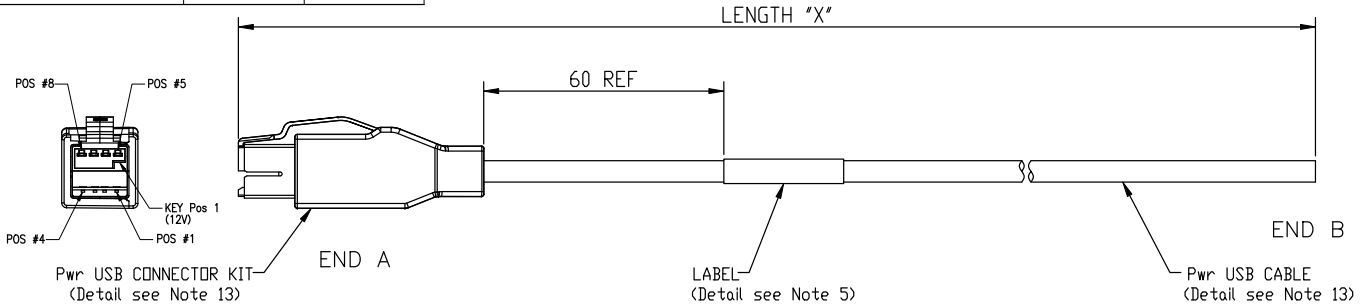
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10084088-Z0050YYLF](#)

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

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FCI PART NO.	POWER TYPE	LENGTH "X"
10084088-Z0050YYLF	12V	500±25/-0
10084088-Z0100YYLF	12V	1000±15
10084088-Z0300YYLF	12V	3000±25
10084088-Z0500YYLF	12V	5000±25



PIN ASSIGNMENT				
END A	SIGNAL NAME	WIRE COLOR	WIRE AWG	END B
1	VBUS (+5V)	RED	20	-
2	DATA -	WHITE	28	-
3	DATA +	GREEN	28	-
4	GND	BLACK	20	-
5	12V GND	BLUE	20	-
6	+12V	BROWN	20	-
7	+12V	ORANGE	20	-
8	12V GND	YELLOW	20	-
SHELL	FRAME GND	-	SHIELD	-

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

Material	Spec ref	spec_ref	projection	MM
Mat code	surface	tolerance	ISO 406	←
Heat treat	ISO 1302	ISO 1101	ISO 1101	
Plating/Finish		size	A3	Scale
Dr Sunny Tsai	10/11/2007	Product family	CABLE ASS'Y	REL Level
Eng Sunny Tsai	10/11/2007	Model Name		
Chr Jackson Wang	10/11/2007	Model Revision		
Appr Jackson Wang	10/11/2007			
FCI		title	SINGLE END POWER USB 12V CABLE ASSEMBLY - BLACK	Rev. A
Pro/E file	catalog no	dwg no	10084088	sheet 1 of 3

TOLERANCES UNLESS OTHERWISE SPECIFIED	rev	ecn no	dr	date
	A	N08-0120	ST	6/18/2008
LINEAR	-	-	-	-
ANGULAR	0°	±2°	-	-

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REV 1 - 0809-09

FCI PART NO. SEE SHEET 1

NOTES:

- MATES WITH FCI PART NUMBER: 55917/57496.
- 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:
10084088 - Z X X X X Y Y LF
 - Z: MULTIPLE WIRE GAGE
 - X: LENGTH (XX: METERS; XX: CENTIMETERS)
 - Y: WIRE GAGE
 - LF: LEAD FREE
- 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
10084088-ZXXXXYYLF	---	FCI P/N
REV.A	---	REVISION
WYYY	---	DATE CODE WYYY FORMAT
MADE IN CHINA	---	COUNTRY ORIGIN
- UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING 300V DC FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
- OTHER TESTING PERFORMED AS REQUIRED:
DIELECTRIC RESISTANCE: 50M Ohms MIN.
CONNECTION RESISTANCE: 0.8 Ohms MAX. (-Z0050YYLF, 0.5MR LENGTH)
1.0 Ohms MAX. (-Z0100YYLF, 1.0MR LENGTH)
1.2 Ohms MAX. (-Z0300YYLF, 3.0MR LENGTH)
1.8 Ohms MAX. (-Z0500YYLF, 5.0MR LENGTH)
- 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 CLDEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.

6. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.

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TOLERANCES UNLESS OTHERWISE SPECIFIED	rev	ecn no	dr	date
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ANGULAR	0*	±2*	-	-

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	Chr Jackson Wang	10/11/2007	Model Revision	
	Appr Jackson Wang	10/11/2007	REL Level	
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Pro/E file	catalog no	CUSTOMER DWG	sheet 2 of 3	Rev. A

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3PDM: Rev:A

STATUS Released

Printed: Jul 10, 2009

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FCI PART NO. SEE SHEET 1

NOTES:

13. COMPONENT DETAIL

A) Pwr USB CONNECTOR KIT:

MATERIALS	SPECIFICATIONS
SHELLS	HIGH STRENGTH COPPER ALLOY
HOUSINGS	THERMOPLASTIC UL94V-0 RATED, COLOR: TEAL
TERMINALS	HIGH STRENGTH COPPER ALLOY
COVERS	THERMOPLASTIC UL94V-0 RATED PEBBLE GRAY
PLATING	
SHELL	UNDERPLATE; 40 MICROINCHES NI 100 MICROINCHES MIN BRIGHT TIN
TERMINALS	UNDERPLATE; 40 MICROINCHES NI CONTACT AREA; 30 MICROINCHES GXT TAIL AREA; 100 MICROINCHES MATTED TIN
ELECTRICAL	
VOLTAGE RATING	USB;5.25VDC,+POWER;12VDC
DIELECTRIC WITHSTANDING VOLTAGE	750 VAC
INSUL. RESISTANCE	1000 MEG OHMS AT 500 VDC
CURRENT RATING(NOTE 1)	1.50A USB SECTION 3.00A POWER SECTION

B) Pwr USB CABLE:

SPEC: 28AWG*1P+20AWG*6C+AL/MYLAR+DRAIN+BRAID

1) UL TYPE: CM
CSA TYPE: CMG

2) CONSTRUCTION:

ITEM	SPECIFICATIONS		
CONDUCTOR	AWG	28AWG	20AWG
	MATERIAL	TINNED COPPER	TINNED COPPER
INSULATION	COND.SIZE	7/0.127mm	19/0.20mm
	MATERIAL	HD-PE	SR-PVC
AL/MYLAR	DD	0.80±0.05mm	1.5±0.05mm
	NO.	1PAIR	6C
DRAIN	COVERAGE	100%	
	OVERLAP	25% Min.	
BRAID	AWG	28AWG	
	MATERIAL	TINNED COPPER	
JACKET	COND.SIZE	7/0.127mm	
	MATERIAL	TINNED COPPER	
ELECTRICAL	SIZE	16/7/0.10mm	
	MATERIAL	PVC	
ATTENUATION	DD	6.50±0.25mm	
	COLOR	BLACK (OTHER COLORS AVAILABLE ON REQUEST)	

ELECTRICAL CHARACTERISTICS

RATING	RATING: TEMP 80°C VOLTAGE 30V
Conductor Resistance at 20°C (MAX)	28AWG < 237.25 Ohm/KM 20AWG < 34.6 Ohm/KM
IMPEDANCE (Differential)	90 Ohm±15%; at TDR
DELAY	< 26ns/Cable; at TDR
SKEW	100ps MAX.
ATTENUATION	Refer to USB 2.0 Specification

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-	-	-	-
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