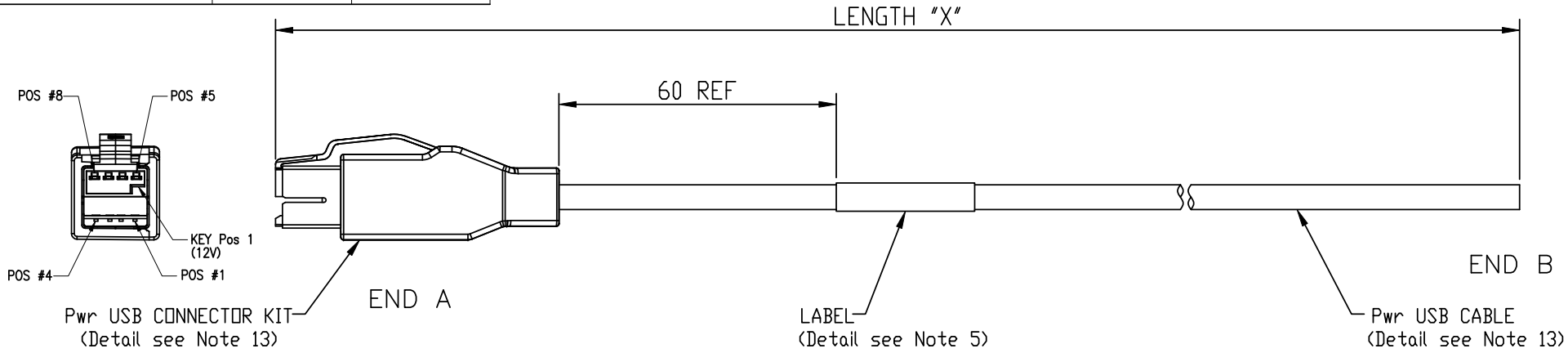
| FCI PART NO. | POWER TYPE | LENGTH "X" |
|---|---|---|
| 10084088-Z0050YYLF | 12V | 500+25/-0 |
| 10084088-Z0100YYLF | 12V | 1000±15 |
| 10084088-Z0300YYLF | 12V | 3000±25 |
| 10084088-Z0500YYLF | 12V | 5000±25 |




| 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. proi_revision
in area indicated
by X.....

| rev | ecn no | dr | date |
|---|---|---|---|
| A | N08-0120 | ST | 6/18/2008 |
| – | – | – | – |
| – | – | – | – |
| – | – | – | – |
| – | – | – | – |
| – | – | – | – |
| – | – | – | – |

| TOLERANCES UNLESS OTHERWISE SPECIFIED | | |
|---|---|---|
| LINEAR | | |
| ANGULAR | 0° | ±2° |

| | | | | | |
|---|---|---|---|---|---|
| Material | | | Spec ref | spec_ref | |
| Mat code | | | surface √ ISO 1302 | tolerance ISO 406 ISO 1101 | projection MM |
| Heattreat | | | | | |
| Plating/Finish | | | | | |
| Dr | Sunny Tsai | 10/11/2007 | | | size A3 / Scale – |
| Eng | Sunny Tsai | 10/11/2007 | Product family | CABLE ASS'Y | |
| Chr | Jackson Wang | 10/11/2007 | Model Name | | ECN |
| Appr | Jackson Wang | 10/11/2007 | Model Revision | | REL Level |

| | | | |
|---|---|---|---|
| title | SINGLE END POWER USB 12V CABLE ASSEMBLY - BLACK | dwg no 10084088 | Rev. A |
| Pro/E file | catalog no | CUSTOMER DWG | sheet 1 of 3 |

FCI CONFIDENTIAL
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

REV F - 2006-04-17

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

FCI PART NO. | SEE SHEET 1

NOTES:

1. MATES WITH FCI PART NUMBER: 55917/57496.
2. UNLESS OTHERWISE SPECIFIED ASSEMBLIED 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:
   10084088 − Z X X X X Y Y LF
   - LF: LEAD FREE
   - NOT APPLICABLE TO THIS ASSEMBLY
   - NOT APPLICABLE TO THIS ASSEMBLY
   - LENGTH (XX: METERS; XX: CENTIMETERS)
     EXAMPLE FOR LENGTH GIVEN BELOW:
     0050: 00 METERS 50 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 |
| 10084088−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 BY APPLYING 300V DC FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONETS ARE USED IN THIS ASSEMBLY.
8. OTHER TESTING PERPORMED 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)
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 CLDEAR ZIP−LOCK BPLY BAG, THEN BULK PACKED IN A BOX.

Mark with 10075076001 REV. proi_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 ISO 406 ISO 1101 |
| Heattreat | | | projection MM |
| Plating/Finish | | | |
| Dr | Sunny Tsai | 10/11/2007 | size A3 Scale - |
| Eng | Sunny Tsai | 10/11/2007 | Product family CABLE ASS'Y |
| Chr | Jackson Wang | 10/11/2007 | Model Name / ECN |
| Appr | Jackson Wang | 10/11/2007 | Model Revision / REL Level |

| | | | |
|---|---|---|---|
| title | SINGLE END POWER USB 12V CABLE ASSEMBLY - BLACK | dwg no 10084088 | Rev. A |
| Pro/E file | catalog no | CUSTOMER DWG | sheet 2 of 3 |

FCI CONFIDENTIAL
This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

REV F - 2006-04-17

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<br>PEBBLE GRAY |
| PLATING | |
| SHELL | UNDERPLATE; 40 MICROINCHES Ni<br>100 MICROINCHES MIN BRIGHT TIN |
| TERMINALS | UNDERPLATE; 40 MICROINCHES Ni<br>CONTACT AREA; 30 MICROINCHES GXT<br>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<br>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 |
| | COND.SIZE | 7/0.127mm | 19/0.20mm |
| INSULATION | MATERIAL | HD-PE | SR-PVC |
| | OD | 0.80±0.05mm | 1.5±0.05mm |
| | NO. | 1PAIR | 6C |
| AL/MYLAR | COVERAGE | 100% | |
| | OVERLAP | 25% Min. | |
| DRAIN | AWG | 28AWG | |
| | MATERIAL | TINNED COPPER | |
| | COND.SIZE | 7/0.127mm | |
| BRAID | MATERIAL | TINNED COPPER | |
| | SIZE | 16/7/0.10mm | |
| JACKET | MATERIAL | PVC | |
| | OD | 6.50±0.25mm | |
| | COLOR | BLACK<br>(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 | |

Mark with 10075076001 REV. proi_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 ISO 406 ISO 1101 | projection MM |
| Heattreat | | | | | |
| Plating/Finish | | | | | |
| Dr | Sunny Tsai | 10/11/2007 | | | size A3 / Scale - |
| Eng | Sunny Tsai | 10/11/2007 | Product family | CABLE ASS'Y | |
| Chr | Jackson Wang | 10/11/2007 | Model Name | | ECN |
| Appr | Jackson Wang | 10/11/2007 | Model Revision | | REL Level |
| Pro/E file | | catalog no | | CUSTOMER DWG | sheet 3 of 3 |

title: SINGLE END POWER USB 12V CABLE ASSEMBLY - BLACK

dwg no: 10084088

Rev. A

FCI CONFIDENTIAL

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

REV F - 2006-04-17

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

LifeElectronics
Живое партнерство

**ООО «ЛайфЭлектроникс»** **“LifeElectronics” LLC**

*ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703*

*Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.*

*С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров*

*Мы предлагаем:*

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

*В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.*

*Конструкторский отдел помогает осуществить:*

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

*Тел: +7 (812) 336 43 04 (многоканальный)*
*Email: org@lifeelectronics.ru*

***www.lifeelectronics.ru***