

1

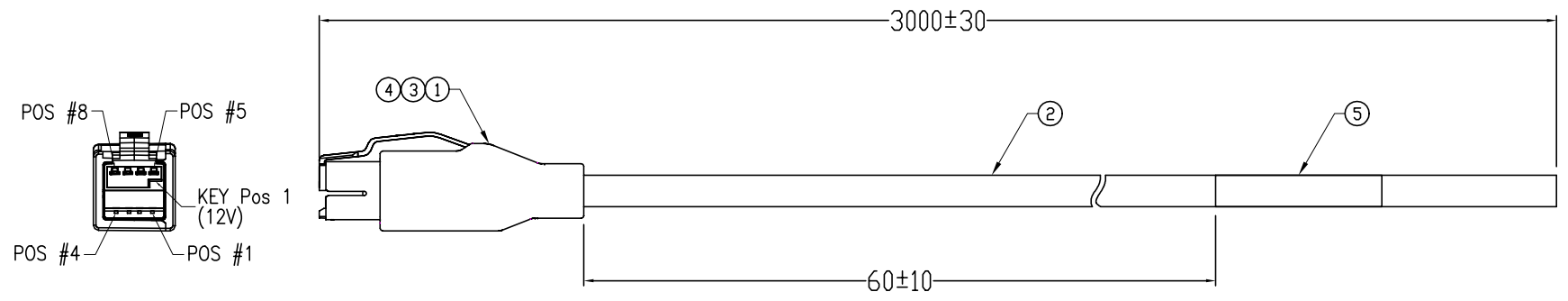
2

3

4

| | |
|--------------------|------------|
| FCI PART NO. | LENGTH "X" |
| 10131125-Z0300YYLF | 3000±30 |

| | |
|-----|----------------------|
| REV | CHANGE RECORD |
| A | FIRST ISSUE |
| B | CHANGE DRAWING FOMAT |



| PIN ASSIGNMENT | | | | |
|----------------|-------------|------------|----------|----|
| P1 | SIGNAL NAME | WIRE COLOR | WIRE AWG | P2 |
| 1 | VBUS (+5V) | RED | 20 | — |
| 2 | DATA - | WHITE | 28 * | — |
| 3 | DATA + | GREEN | 28 * | — |
| 4 | USB GND | BLACK | 20 | — |
| 5 | 12V GND | BLUE | 20 | — |
| 6 | +12V | BROWN | 20 | — |
| 7 | +12V | ORANGE | 20 | — |
| 8 | 12V GND | YELLOW | 20 | — |
| SHELL | FRAME GND | — | SHELL | — |

| | | | | | | | | | | | | | | | | | | | | |
|---------------|--|--|--------------|------------|-----------------|------------------------|--------|--------------|-------|-----|---------|---|----|------|--------------|------------|----------------|----------|-----------|--|
| spec ref | See Notes | dr | Carl Wang | 2014-11-03 | projection ⊕ | MM ←→ | size | A3 | scale | N/A | | | | | | | | | | |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Carl Wang | 2014-11-03 | | | ecn no | | | | | | | | | | | | | |
| | | chr | Guo-Feng Jin | 2014-11-03 | | | | | | | | | | | | | | | | |
| surface | <table border="1"> <tr><td>linear</td><td>0.X</td><td>±</td></tr> <tr><td></td><td>0.XX</td><td>±</td></tr> <tr><td></td><td>0.XXX</td><td>±</td></tr> <tr><td>angular</td><td>0</td><td>±*</td></tr> </table> | linear | 0.X | ± | | 0.XX | ± | | 0.XXX | ± | angular | 0 | ±* | appr | Guo-Feng Jin | 2014-11-03 | product family | Pwrblade | rel level | |
| linear | | 0.X | ± | | | | | | | | | | | | | | | | | |
| | | 0.XX | ± | | | | | | | | | | | | | | | | | |
| | 0.XXX | ± | | | | | | | | | | | | | | | | | | |
| angular | 0 | ±* | | | | | | | | | | | | | | | | | | |
| FCJ | title | POWERUSB 12V SINGLE END CABLE ASSEMBLY | | | dwg no | 10131125-Z0300YYLF | | rev | B | | | | | | | | | | | |
| www.fci.com | | cat. no. | | | | Product - Customer Drw | | sheet 1 of 2 | | | | | | | | | | | | |

Copyright FCI.

1

2

3

PDS: Rev :B

STATUS:Released

Printed: Nov 11, 2014

FCI PART NO.

SEE SHEET 1

NOTES:

- 1. USB+POWER MATES WITH FCI PART NUMBER: 55917-5XXLF.
- 2. PART NUMBER SCHEME FOR CABLE ASSEMBLY:
 10131125 - Z 0 * 0 0 Y Y LF
 LF: LEAD FREE
 NOT APPLICABLE TO THIS ASSEMBLY
 NOT APPLICABLE TO THIS ASSEMBLY
 LENGTH (METERS & CENTIMETERS)
 0300: 3 METERS 00 CENTIMETERS
 WIRE GAGE
 Z: MULTIPLE WIRE GAGE

- 3. LABEL POSITION SHALL BE APPROXIMATELY 330mm FROM REAR OF CONNECTOR, LABEL SHOULD BE FLAG TYPE WRAPPED.
- 4. LABEL SHOULD BE WHITE BACKGROUND WITH BLACK TEXT, LABEL TEXT AS SHOW BELOW:

| | |
|--------------------|------------------------------|
| FCI | ---MANUFACTURER CODE OR NAME |
| 10131125-Z0300YYLF | ---FCI P/N |
| REV.A | ---REVISION |
| WWYY | ---DATE CODE WWYY FORMAT |
| MADE IN CHINA | ---COUNTRY ORIGIN |

- 5. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 6. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED: DC 300V/10ms
- 8. OTHER ELECTRICAL SPECIFICATIONS:
 CONNECTION RESISTANCE: 1.5 Ohms MAX.
 DIELECTRIC RESISTANCE: 50M Ohms MIN.
 OPERATING VOLTAGE: 30 VAC.
 OPERATING CURRENT: 3A MAX.
 OPERATING TEMP: 0 °C TO 75 °C.

- 9. PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK POLY BAG,
- 10. P1 STRAIN RELIEF PERFORMANCE:
 BENDING CONDITION 1: 12 O'CLOCK TO 6 O'CLOCK;
 BENDING CONDITION 2: 9 O'CLOCK TO 3 O'CLOCK;
 A. BENDING ANGLE: 180°
 B. CYCLING RATE: 20 CYCLES/MINUTE
 C. BENDING RADIUS: MINIMUM ATTAINABLE
 D. LOADING: 1000G
 E. REQUEST: 100 CYCLES
 F. AFTER TEST, THERE MUST NOT BE ANY VISIBLE SEPARATION OF CABLE JACKET INSIDE THE STRAIN RELIEF, NO VISIBLE DAMAGE AND NO ABNORMITIES OF THE PVC STRAIN RELIEF, THE CABLE ASSEMBLY MUST PASS ELECTRICAL TESTING.

11. MATERIAL:

| | | | |
|-----|------|---|------|
| 1 | EA | ADHESIVE LABEL | 5 |
| AR | MM | COPPER FOIL, 5MM WIDTH, DOUBLE CONDUCTIVE. | 4 |
| AR | MM | MYLAR FOR PICKING, 10*27MM. | 3 |
| AR | MM | USB+POWER CABLE: 28AWG*1P+20AWG*6C+SHIELD, BLACK. | 2 |
| 1 | EA | USB+POWER PLUG KIT (12V) TYPE A, KEY POSITION 1,BLACK FCI P/N: 74233-1029LF. | 1 |
| QTY | UNIT | DESCRIPTION | ITEM |

- 5. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
- 6. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED: DC 300V/10ms
- 8. OTHER ELECTRICAL SPECIFICATIONS:
 CONNECTION RESISTANCE: 1.5 Ohms MAX.
 DIELECTRIC RESISTANCE: 50M Ohms MIN.
 OPERATING VOLTAGE: 30 VAC.
 OPERATING CURRENT: 3A MAX.
 OPERATING TEMP: 0 °C TO 75 °C.

| | | | | | | | | | | |
|---------------|---------------------------------------|-------|--------------|-------------|------------|--|----------------|--------------------|-------|-----|
| spec ref | See Notes | dr | Carl Wang | 2014-11-03 | projection | MM | size | A3 | scale | N/A |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Carl Wang | 2014-11-03 | | ← → | ecn no | | | |
| | | chr | Guo-Feng Jin | 2014-11-03 | | | rel level | | | |
| | | appr | Guo-Feng Jin | 2014-11-03 | | | product family | Pwrblade | | |
| surface | linear | 0.X | ± | | title | POWERUSB 12V SINGLE END CABLE ASSEMBLY | dwg no | 10131125-Z0300YYLF | rev | B |
| | | 0.XX | ± | | | | | | | |
| | | 0.XXX | ± | | | | | | | |
| | angular | 0 | ±* | www.fci.com | cat. no. | Product - Customer Drw | sheet 2 of 2 | | | |



Copyright FCI.