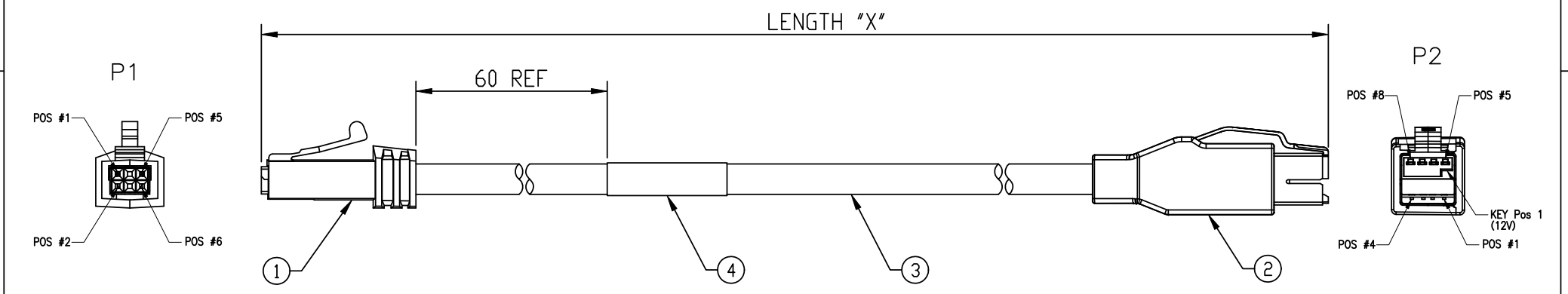


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| FCI PART NO. | POWER TYPE | LENGTH "X" |
|--------------------|------------|------------|
| 10083512-Z0050YYLF | 12V | 500+25/-0 |
| 10083512-Z0100YYLF | 12V | 1000±15 |
| 10083512-Z0300YYLF | 12V | 3000±25 |
| 10083512-Z0500YYLF | 12V | 5000±25 |



| PIN ASSIGNMENT | | | | |
|----------------|-------------|------------|----------|-------|
| P1 | SIGNAL NAME | WIRE COLOR | WIRE AWG | P2 |
| 1 | VBUS (+5V) | RED | 20 | 1 |
| 2 | DATA - | WHITE | 28 | 2 |
| 3 | DATA + | GREEN | 28 | 3 |
| 4 | GND | BLACK | 20 | 4 |
| 5 | 12V RETURN | BLUE | 20 | 5 |
| 6 | +12V | BROWN | 20 | 6 |
| SHELL | FRAME GND | BRAID | | SHELL |

| Mark with 10075076001 REV. proi_revision in area indicated by X.... | | | |
|---|----------|----|-----------|
| rev | ecn no | dr | date |
| A | N08-0120 | ST | 6/18/2008 |

| | | | | | |
|----------------|--------------|-----------|---|--------------|-----------|
| Material | | Spec ref | | spec_ref | |
| Mat code | | surface | tolerance | projection | MM |
| Heattreat | | ISO 1302 | ISO 406 | | |
| Plating/Finish | | | ISO 1101 | | |
| Dr | Sunny Tsai | 11/7/2007 | Product family | CABLE ASS'Y | size A3 |
| Eng | Sunny Tsai | 11/7/2007 | Model Name | | Scale - |
| Chr | Jackson Wang | 11/7/2007 | Model Revision | | ECN |
| Appr | Jackson Wang | 11/7/2007 | | | REL Level |
| FCI | | | title | | Rev. |
| | | | CABLE: USB+POWER(12V) TO 2X3 LATCH-N-LOK (ROHS) | | A |
| Pro/E file | | | catalog no | 10083512 | |
| | | | CUSTOMER DWG | sheet 1 of 2 | |

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

REV F - 2006-04-17

FCI PART NO. SEE SHEET 1

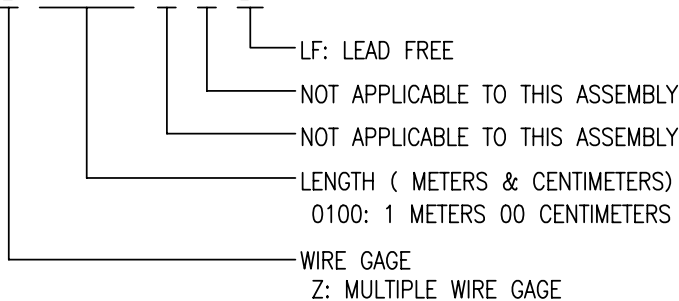
NOTES:

- 1. USB+POWER MATES WITH FCI PART NUMBER: 55917-5XXLF.
2x3 LATCH-N-LOK MATES WITH FCI PART NUMBER: 78097-XXXLF.

- 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:

10083512 - 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 | --- | MANUFACTURER CODE OR NAME |
| 10083512-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: 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 | PC | ADHESIVE LABEL. |
|------|------|------|---|
| 3 | AR | MM | USB+POWER CABLE: 28AWG*1P+20AWG*4C+SHIELD. |
| 2 | 1 | PC | USB+POWER PLUG KIT (12V) TYPE A, KEY POSITION 1, FCI P/N: 74233-102LF. |
| 1 | 1 | PC | 2X3 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, PEBBLE GRAY, FCI P/N: 74902-609LF. |
| ITEM | Q'TY | UNIT | DESCRIPTION |

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

| rev | ecn no | dr | date |
|-----|-------------|----|------|
| - | See sheet 1 | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

| | | | | | |
|-------------------|--|--|---------------------|--------------|-------|
| Material | | Spec ref | | spec_ref | |
| Mat code | | surface | tolerance | projection | MM |
| Heattreat | | ISO 1302 | ISO 406 ISO 1101 | | ← → |
| Plating/Finish | | Dr Sunny Tsai | 11/7/2007 | size | Scale |
| Eng Sunny Tsai | | 11/7/2007 | Product family | A3 | - |
| Chr Jackson Wang | | 11/7/2007 | Model Name | ECN | |
| Appr Jackson Wang | | 11/7/2007 | Model Revision | REL Level | |
| FCI | | title | | cu dwg | Rev. |
| Pro/E file | | CABLE :USB+POWER(12V) TO 2X3 LATCH-N-LOK (ROHS) | | 10083512 | A |
| catalog no | | CUSTOMER DWG | | sheet 2 of 2 | |

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

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