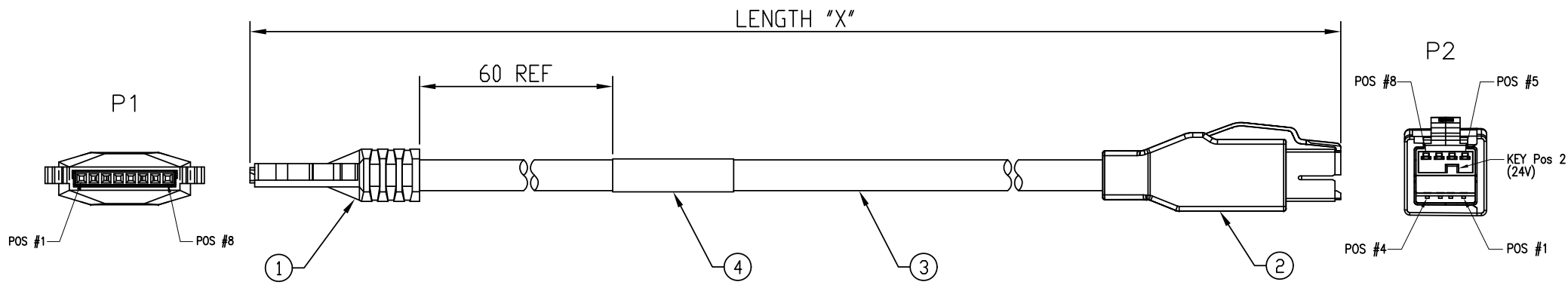


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| FCI PART NO. | CUSTOMER P/N | POWER TYPE | LENGTH "X" |
|--------------------|--------------|------------|-------------------|
| 10114757-Z0092YYLF | CEPS-3PUSB | 24V | 915±15 (3 Feet) |
| 10114757-Z0183YYLF | CEPS-6PUSB | 24V | 1830±20 (6 Feet) |
| 10114757-Z0366YYLF | EPSN-12PUSB | 24V | 3660±25 (12 Feet) |



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| PIN ASSIGNMENT | | | | |
|----------------|-------------|------------|----------|-------|
| P1 | SIGNAL NAME | WIRE COLOR | WIRE AWG | P2 |
| 6 | VBUS (+5V) | RED | 20 | 1 |
| 5 | DATA - | WHITE | 28 | 2 |
| 4 | DATA + | GREEN | 28 | 3 |
| 3 | GND | BLACK | 20 | 4 |
| 1 | 24V RETURN | BLUE | 20 | 5 |
| 2 | +24V | BROWN | 20 | 6 |
| 7 | +24V | ORANGE | 20 | 7 |
| 8 | 24V RETURN | YELLOW | 20 | 8 |
| SHELL | FRAME GND | BRAID | | SHELL |

| Mark with 10075076001 REV. proj_revision in area indicated by X.... | | | |
|---|--------------------|----|-----------|
| rev | ecn no | dr | date |
| A | N10-0127 | ST | 5/12/2010 |
| B | N11-0163 | ST | 6/15/2011 |
| C | ECN-ELX-H-010403-1 | ST | 2/24/2012 |

| | | | | | |
|----------------|--|---|---------------------|----------------------------|-------|
| Material | | Spec ref | | spec_ref | |
| Mat code | | surface | tolerance | projection | MM |
| Heattreat | | ISO 1302 | ISO 406 ISO 1101 | | |
| Plating/Finish | | Dr Sunny Tsai | 5/12/2010 | size | Scale |
| | | Eng Sunny Tsai | 5/12/2010 | A3 | - |
| | | Chr Jackson Wang | 5/12/2010 | Product family CABLE ASS'Y | |
| | | Appr Jackson Wang | 5/12/2010 | Model Name ECN | |
| | | Model Revision | | REL Level | |
| FCI title | | CABLE: USB+POWER(24V) TO 1X8 LATCH-N-LOK (ROHS) | | dwg no 10114757 | |
| Pro/E file | | catalog no | | Rev. C | |

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

FCI PART NO. SEE SHEET 1

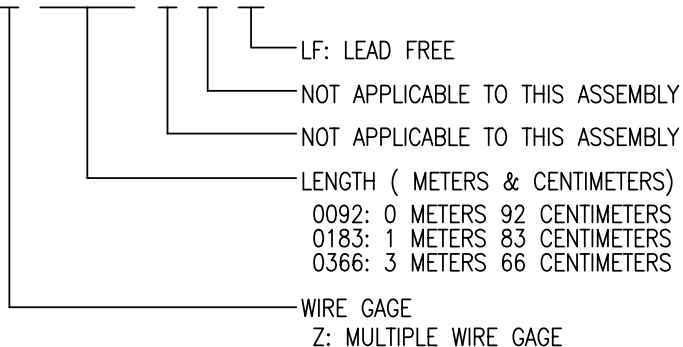
NOTES:

1. USB+POWER MATES WITH FCI PART NUMBER: 55917-6XXLF.
1x8 LATCH-N-LOK MATES WITH FCI PART NUMBER: 69913-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:

10114757 - 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:



---CUSTOMER P/N
 ---ROHS COMPLIANT
 ---MANUFACTURING DATE CODE
 ---COUNTRY ORIGIN

----- UL Symbol

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

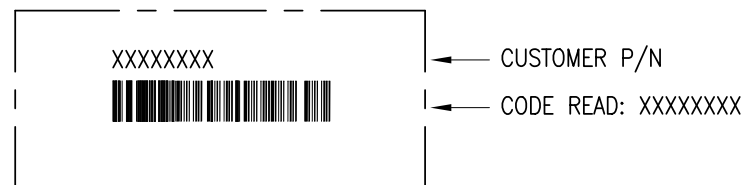
8. OTHER ELECTRICAL SPECIFICATIONS:
 DIELECTRIC RESISTANCE: 50M Ohms MIN.
 CONNECTION RESISTANCE: 1.0 Ohms MAX. (-Z0092YYLF, 3 FEET LENGTH)
 1.5 Ohms MAX. (-Z0183YYLF, 6 FEET LENGTH)
 1.8 Ohms MAX. (-Z0366YYLF, 12 FEET LENGTH)

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 POLY BAG, LABEL (WHITE BACKGROUND WITH BLACK LETTERS, CONTENT SEE BELOW) TO BE STAMPED ON CLEAR ZIP-LOCK POLY BAG, THEN BULK PACKED IN A BOX.



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

| Material | | Spec ref | | spec_ref | |
|-----------------------------|----------------------------|-----------|-----------|------------|---------|
| Mat code | Heatreat | surface | tolerance | projection | MM |
| Plating/Finish | Dr Sunny Tsai 5/12/2010 | ISO 1302 | ISO 406 | | Scale - |
| Eng Sunny Tsai 5/12/2010 | Product family CABLE ASS'Y | ISO 1101 | ISO 1101 | size A3 | Scale - |
| Chr Jackson Wang 5/12/2010 | Model Name | REL Level | | ECN | |
| Appr Jackson Wang 5/12/2010 | Model Revision | REL Level | | ECN | |

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

| | | | |
|------------|---|-----------------|--------|
| Pro/E file | title CABLE :USB+POWER(24V) TO 1X8 LATCH-N-LOK (ROHS) | dwg no 10114757 | Rev. C |
| catalog no | CUSTOMER DWG | sheet 2 of 3 | |

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C

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FCI PART NO. SEE SHEET 1

13. MATERIAL:

| | | | |
|------|------|------|--|
| 4 | 1 | EA | ADHESIVE LABEL. |
| 3 | AR | MM | USB+POWER CABLE: (UL) CM/(CSA) CMG, 28AWG*1P+20AWG*6C +SHIELD, JACKET COLOR: PEBBLE GRAY. |
| 2 | 1 | EA | USB+POWER PLUG KIT (24V) TYPE A, KEY POSITION 2, GRAY COVER, FCI P/N: 74233-202LF. |
| 1 | 1 | EA | 1X8 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, PEBBLE GRAY, FCI P/N: 74903-709LF. |
| ITEM | Q'TY | UNIT | DESCRIPTION |

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

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

| | | | | | |
|----------------|--------------|--|---------------------|--------------|--------------|
| Material | | Spec ref | | spec_ref | |
| Mat code | | surface | tolerance | projection | MM |
| Heattreat | | ISO 1302 | ISO 406 ISO 1101 | | |
| Plating/Finish | | Product family | | size | Scale |
| Dr | Sunny Tsai | 3/11/2010 | CABLE ASS'Y | A3 | - |
| Eng | Sunny Tsai | 3/11/2010 | Model Name | ECN | |
| Chr | Jackson Wang | 3/11/2010 | Model Revision | REL Level | |
| Appr | Jackson Wang | 3/11/2010 | | | |
| | | title | | dwg no | Rev. |
| | | CABLE :USB+POWER(24V) TO 1X8 LATCH-N-LOK (ROHS) | | 10114757 | C |
| Pro/E file | | catalog no | | CUSTOMER DWG | sheet 3 of 3 |