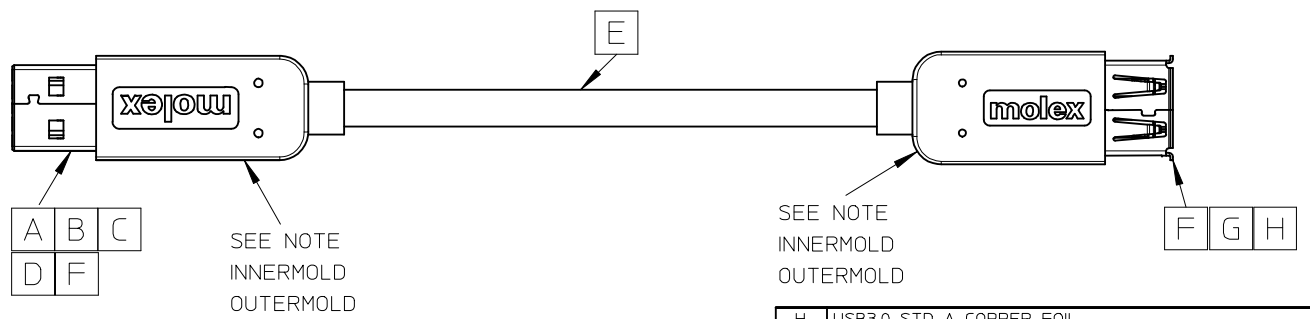
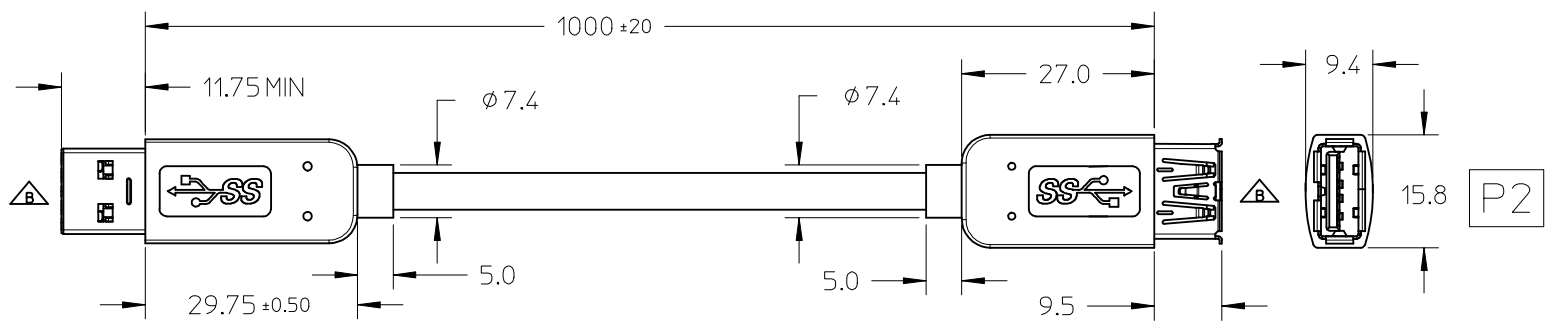
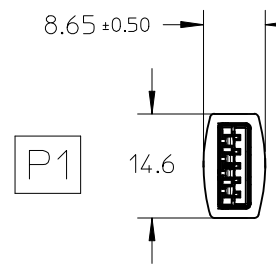
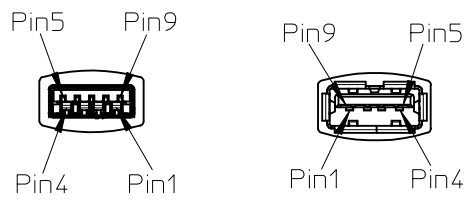


| REVISIONS | | | | |
|-----------|------------|-----|---|---------|
| EC NO | DATE | REV | DESCRIPTION | CHANGER |
| N/A | 2013/12/17 | A | INITIAL RELEASE. | IFEI |
| CY14-6253 | 2014/03/10 | B | TO MODIFY THE CHARACTERISTIC OF CONNECTORS. | IFEI |



| P1 | SIGNAL NAME | WIRE COLOR | P2 |
|-------|-------------|------------|-------|
| 1 | VBUS | RED | 1 |
| 2 | D- | WHITE | 2 |
| 3 | D+ | GREEN | 3 |
| 4 | GND | BLACK | 4 |
| 5 | Std_SSRX- | BLUE | 5 |
| 6 | Std_SSRX+ | YELLOW | 6 |
| 7 | GND_DRAIN | GND_DRAIN | 7 |
| 8 | Std_SSTX- | PURPLE | 8 |
| 9 | Std_SSTX+ | ORANGE | 9 |
| SHELL | SHIELD | BRAID | SHELL |

SEE NOTE
INNERMOLD
OUTERMOLD

SEE NOTE
INNERMOLD
OUTERMOLD

| ITEM | DESCRIPTION | L(MM) | QTY |
|------|--------------------------------|-------|-----|
| H | USB3.0 STD A COPPER FOIL | | 1 |
| G | USB 3.0 STD A FEMALE CONNECTOR | | 1 |
| F | HST F 1.5MM 125C (UL) BLK HF | | A/R |
| E | USB 3.0 CABLE, HF | | A/R |
| D | PRE-CUT COPPER FOIL 25*5 | | 1 |
| C | FRONT METAL FOR STD A PLUG | | 1 |
| B | USB 3.0 STD A CONNECTOR ASSY | | 1 |
| A | REAR METAL FOR STD A PLUG | | 1 |

| SEE REVISIONS EC NO: CPG2014-2620 DRWN: IFEI CHKD: APPR: RTSAI | QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | | | | | |
|---|---|--|-------|-----------------------------------|----|-------------------------------------|-------------------------------|----------------------------|-------|----------|-------|-------|----------|--------|-------|---------|-------|-------|---------|-------|-------|----------------------------------|--|--|--|--|--|
| | | <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.5</td> <td>± ---</td> </tr> <tr> <td>0 PLACE</td> <td>± ---</td> <td>± ---</td> </tr> </tbody> </table> | | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.25 | ± --- | 1 PLACE | ± 0.5 | ± --- | 0 PLACE | ± --- | ± --- | DRAWN BY DATE IFEI 2014/01/16 | | TITLE USB 3.0 A MALE TO FEMALE 1M HF VERSION | | | |
| | | | mm | INCH | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.5 | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 PLACE | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | | | | | |
| ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | APPROVED BY DATE RTSAI 2014/01/17 | | MATERIAL NO. 687890021 | | DOCUMENT NO. SD-68789-013 | | SHEET NO. 1 OF 2 | | | | | | | | | | | | | | | | | | | |
| SIZE A4 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | |

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NOTE:**1. OVERMOLDING SPECIFICATION:**

- 1.1 INNER MOLDING: PE RESIN
1.2 OUTER MOLDING: TPE RESIN

2. APPLICATION CONDITION

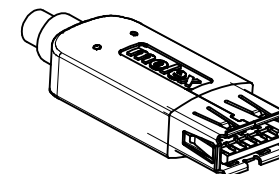
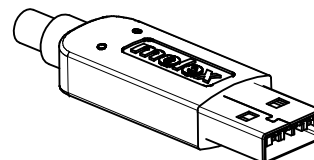
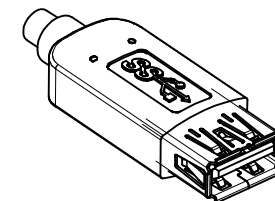
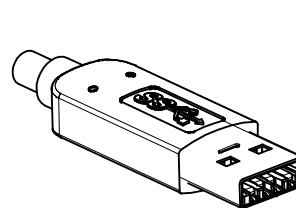
- 2.1 WORKING TEMPERATURE: 0° — +50°
2.2 STORAGE TEMPERATURE: -20° — +60°

3. MECHANICAL PERFORMACNE

- 3.1. CABLE ASSLY CAN PASS FLEXING TEST IN 100 CYCLES AT EACH OF 2 PLANES, PER EIA364-41 CONDITION I.
3.2. CABLE ASSEMBLY SR AREA SHOULD WITHSTAND A PULL FORCE 40N FOR ONE MINUTE WITHOUT COSMETIC AND FUNCTION DAMAGE.

4. ELECTRICAL PERFORMACNE

- 4.1 CURRENT RATING: 1.8A FOR POWER WIRE/ 0.25A FOR SIGNAL WIRE
4.2 VOLTAGE RATING: 30V AC
5. THIS PRODUCT MUST MEET THE EU RoHS CHEMICAL SUBSTANCES SPECIFICATION FOR PRODUCTS (2011/65/EU).



| | | | | | | | | | | | |
|--|--------------------|-----------------|--|--------|----------------------------|----|--|------------------------|------------------------------|--|--|
| SEE REVISIONS EC NO: CPG2014-2620 DRWN: IFEI 2014/02/25 CHKD: APPR: RTSAI 2014/03/11 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | $\nabla_F = 0$ | 4 PLACES | ± --- | ± --- | mm | INCH | DRAWN BY IFEI | DATE 2014/01/16 | TITLE USB 3.0 A MALE TO FEMALE 1M HF VERSION | |
| | | $\nabla_F = 0$ | 3 PLACES | ± --- | ± --- | | | CHECKED BY | DATE | | |
| | | $\nabla_F = 0$ | 2 PLACES | ± 0.25 | ± --- | | | APPROVED BY RTSAI | DATE 2014/01/17 | | |
| | | | 1 PLACE | ± 0.5 | ± --- | | | | | | |
| | | | 0 PLACE | ± --- | ± --- | | | | | | |
| | | | ANGULAR ± 3 ° | | | | MATERIAL NO. 687890021 | | DOCUMENT NO. SD-68789-013 | SHEET NO. 2 OF 2 | |
| | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SIZE A4 | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

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