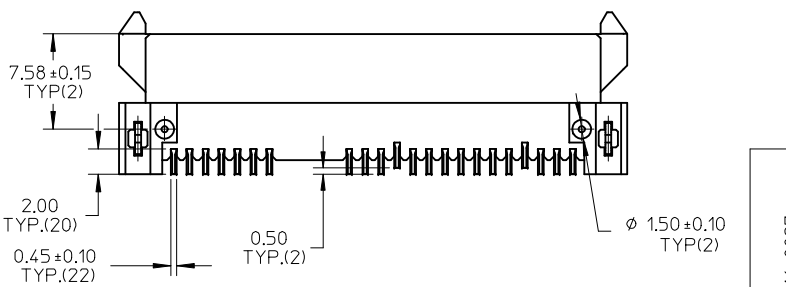


Detail1



NOTES:

1.MATERIAL:

HOUSING: LCP, GLASS FILLED, UL94V-0. COLOR: BLACK;
 FORKLOCK: COPPER ALLOY;
 TERMINALS: COPPER ALLOY.

2.TERMINAL PLATING:

CONTACT AREA:

(a) GOLD FLASH(0.025 MICRONS MINIMUM);
 (b) GOLD, THICKNESS=0.76 MICRONS MINIMUM;
 (c) GOLD, THICKNESS=0.38 MICRONS MINIMUM;
 SOLDER AREA: TIN, THICKNESS=2.00 MICRONS MINIMUM;
 UNDER PLATE: NICKEL, THICKNESS=1.27 MICRONS MINIMUM.

3.FORLOCK PLATING:

SOLDER AREA: TIN, THICKNESS=2.00 MICRONS MINIMUM;
 UNDER PLATING: NICKEL, THICKNESS=1.27 MICRONS MINIMUM.

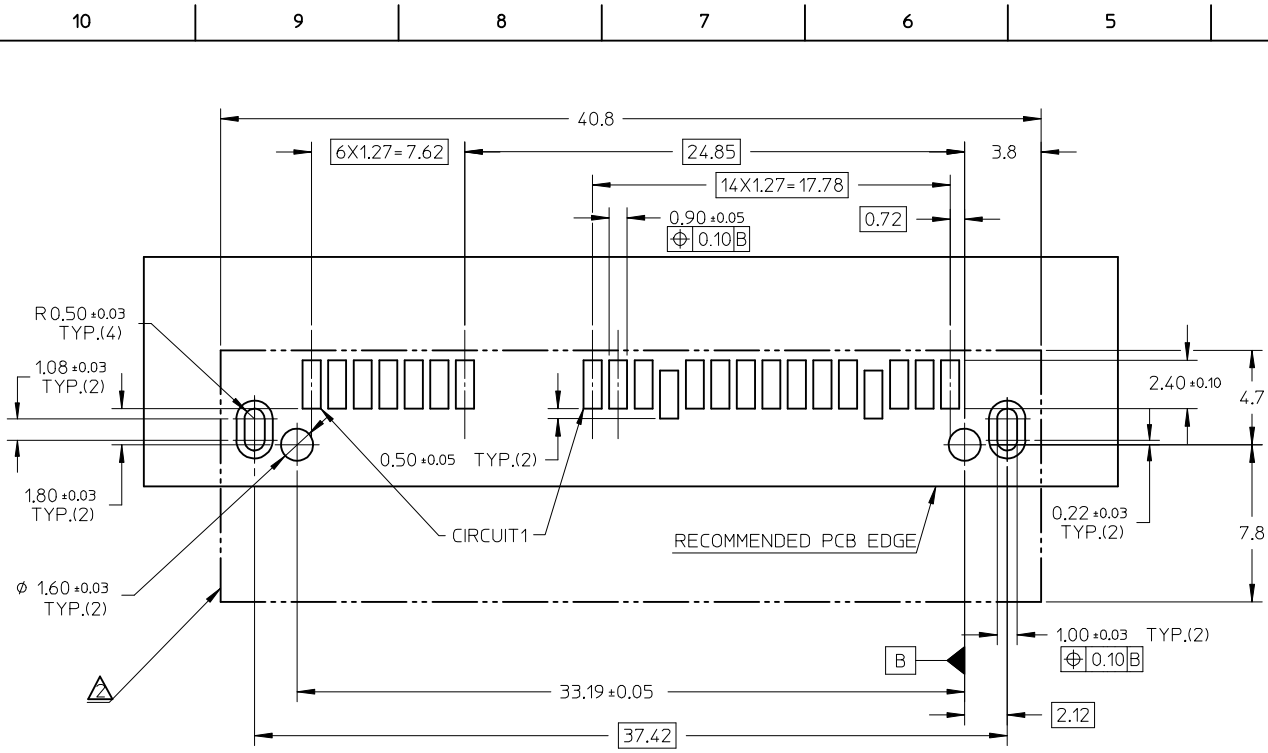
4.PRODUCT SPECIFICATION: PS-67492-001.

5.PACKAGING METHOD: 47018-400*, TAPE REEL, DETAIL REFER TO PK-47018-003,
 47018-210*, TAPE REEL, DETAIL REFER TO PK-47018-001;
 OTHERS, TRAY, DETAIL REFER TO PK-67492-001.

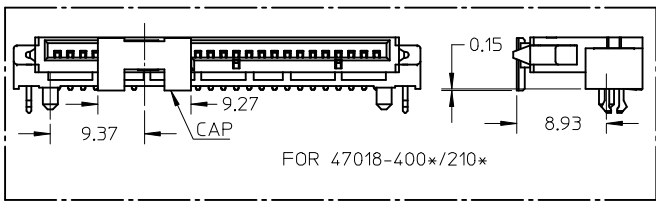
6.MATING PARTS: 87703/87672.

7.PRODUCT COMPLIANT TO RoSH DIRECTIVE 2002/95/EC AND 2000/53/EC.

| | | | | | | | | | |
|---|--------------------------|-----------------------|---|---------------------------------------|--------------|--------------------------|------------|---|------------------------|
| REVISED EC NO: SH2016-0027 DRW:GLLI CHKD: APPR:AYIN | 2015/12/08 2016/01/18 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | | | $F_A=0$ | mm | INCH | MM ONLY | 2:1 | METRIC | |
| | | | $F_C=0$ | 4 PLACES ± --- ± --- | | DRAWN BY | DATE | TITLE | |
| | | | $F_B=0$ | 3 PLACES ± --- ± --- | | GLLI | 2011/12/12 | SERIAL ATA DOCKING CONNECTOR TOP MOUNT TYPE | |
| ANGULAR ± 3 ° | | 2 PLACES ± 0.25 ± --- | | CHECKED BY | DATE | MOLEX MOLEX INCORPORATED | | SHEET NO. 1 OF 2 | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | 1 PLACE ± 0.25 ± --- | | APPROVED BY | DATE | SD-47018-001 | | | |
| | | | SEE SHEET 2 | | MATERIAL NO. | DOCUMENT NO. | | | |
| | | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |



RECOMMENDED P.C.B LAYOUT (COMPONENT SIDE)



NOTES:

1. RECOMMENDED P.C.B THICKNESS: 1.60+/-0.05.
- △ CONNECTOR PROFILE, ALL THE TRACE SHOULD BE AVOIDED THIS AREA.

| PRODUCT | CONTACT PLATING SPEC | DIM'A' | DIM'B' | DIM'C' | DIM'D' | PACKAGE | REMARK |
|------------|------------------------|--------|--------|--------|--------|-----------|-------------|
| 47018-2100 | NOTES 2 (A) OF SHEET 1 | | | | | | PURE TIN |
| 47018-2101 | NOTES 2 (B) OF SHEET 1 | 2.55 | 4.30 | 9.65 | 3.65 | TAPE REEL | (LIGHT TIN) |
| 47018-2102 | NOTES 2 (C) OF SHEET 1 | | | | | | WITH CAP |
| 47018-4000 | NOTES 2 (A) OF SHEET 1 | | | | | | PURE TIN |
| 47018-4001 | NOTES 2 (B) OF SHEET 1 | 3.40 | 5.15 | 10.50 | 4.50 | TAPE REEL | (LIGHT TIN) |
| 47018-4002 | NOTES 2 (C) OF SHEET 1 | | | | | | WITH CAP |
| 47018-2010 | NOTES 2 (A) OF SHEET 1 | | | | | | PURE TIN |
| 47018-2011 | NOTES 2 (B) OF SHEET 1 | 2.55 | 4.30 | 9.65 | 3.65 | TRAY | (MATTE TIN) |
| 47018-2012 | NOTES 2 (C) OF SHEET 1 | | | | | | |
| 47018-2000 | NOTES 2 (A) OF SHEET 1 | | | | | | PURE TIN |
| 47018-2001 | NOTES 2 (B) OF SHEET 1 | 2.55 | 4.30 | 9.65 | 3.65 | TRAY | (LIGHT TIN) |
| 47018-2002 | NOTES 2 (C) OF SHEET 1 | | | | | | |

| REVISED EC NO: SH2016-0027 DRW: GLL1 CHK: GLL1 APPR: AYIN | 2015/12/08 2016/01/18 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | | | | | | | | | | | | | | |
|---|--|--|---|---|--------------------|-------|------------------|------------------------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------|-----|--------|--|
| | | | $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ | <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <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>± 0.25</td> <td>± ---</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.25 | ± --- | 1 PLACE | ± 0.25 | ± --- | MM ONLY | 1:1 | METRIC | |
| | | | | mm | INCH | | | | | | | | | | | | | | | | | | |
| | | | 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± 0.25 | ± --- | | | | | | | | | | | | | | | | | | | | | |
| | ANGULAR ± 3° | DRAWN BY: GLL1 DATE: 2011/12/12 CHECKED BY: _____ DATE: _____ APPROVED BY: XJSONG DATE: 2011/12/12 MATERIAL NO.: SEE TABLE DOCUMENT NO.: SD-47018-001 | TITLE | SERIAL ATA DOCKING CONNECTOR TOP MOUNT TYPE | MOLEX INCORPORATED | | | | | | | | | | | | | | | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SIZE: A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | SHEET NO. 2 OF 2 | | | | | | | | | | | | | | | | |