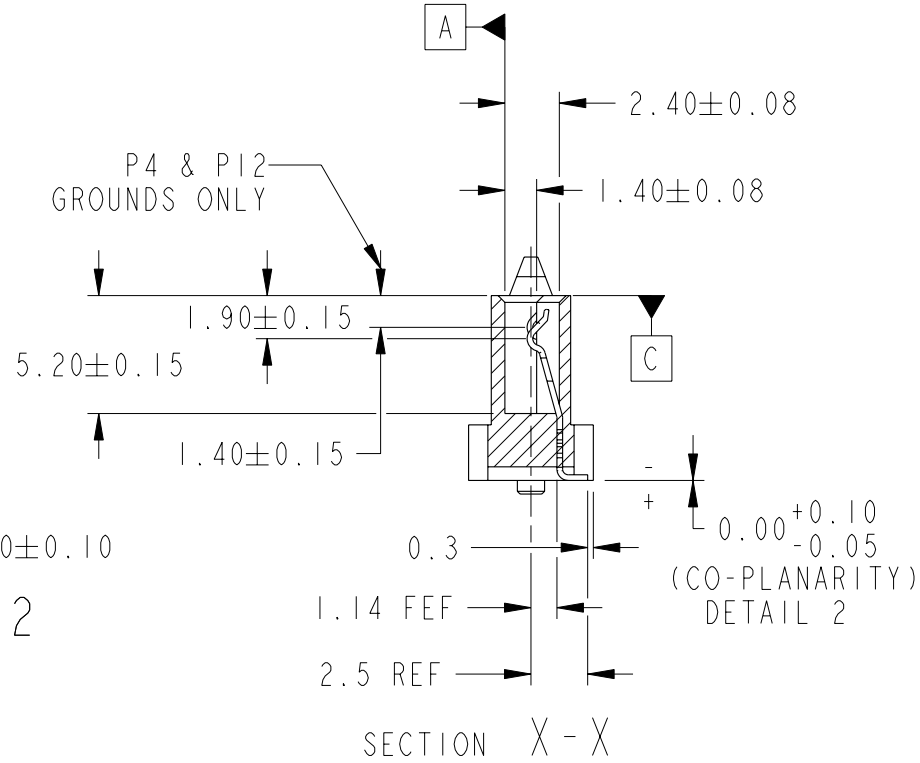
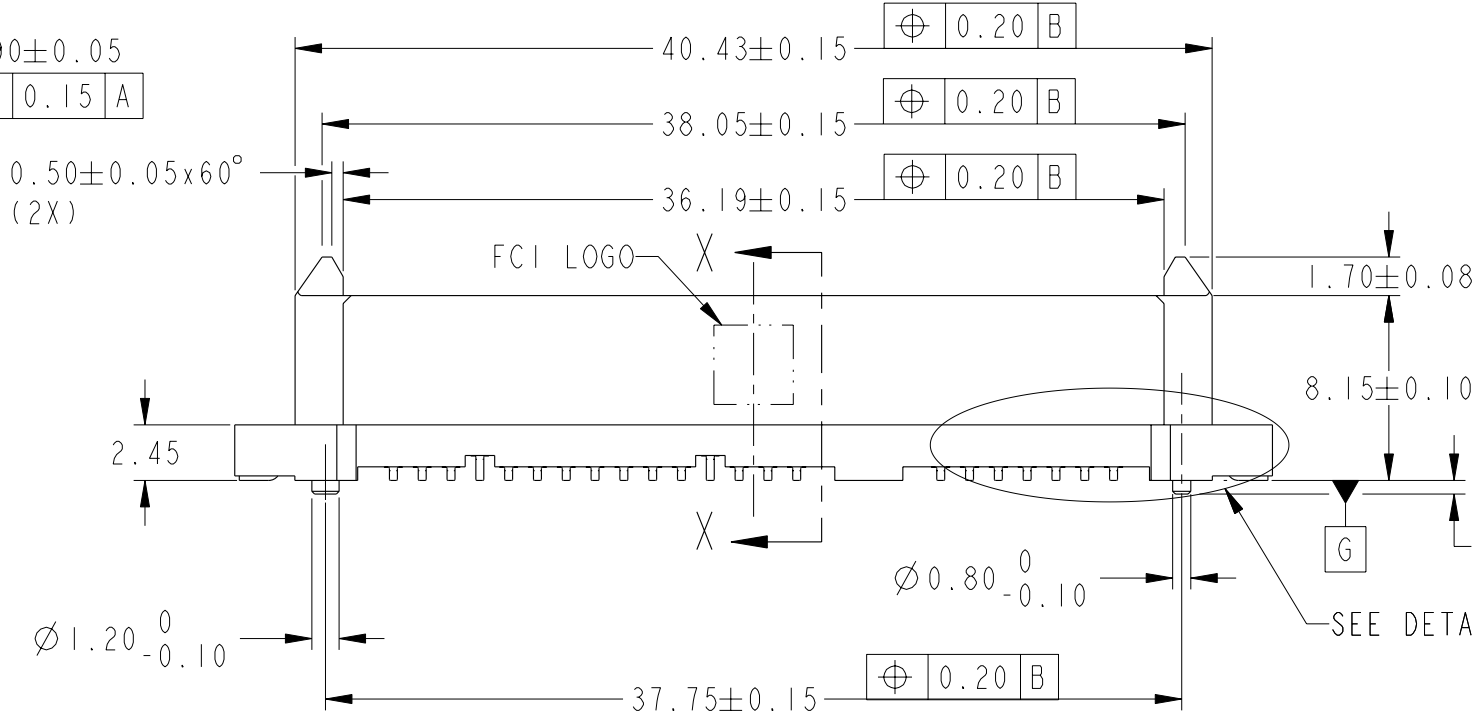
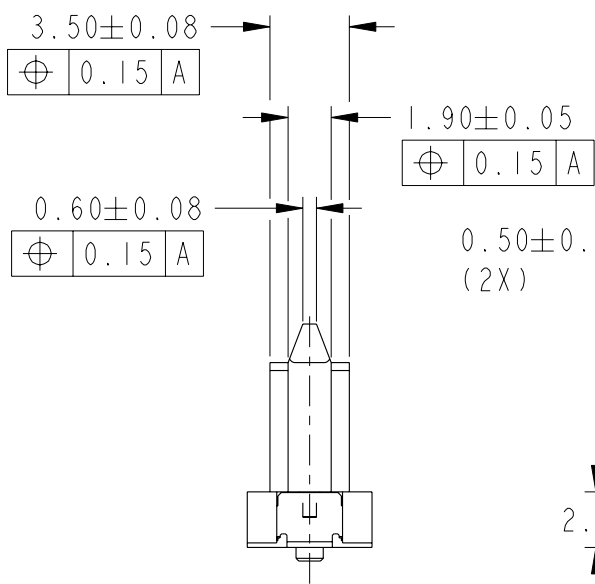
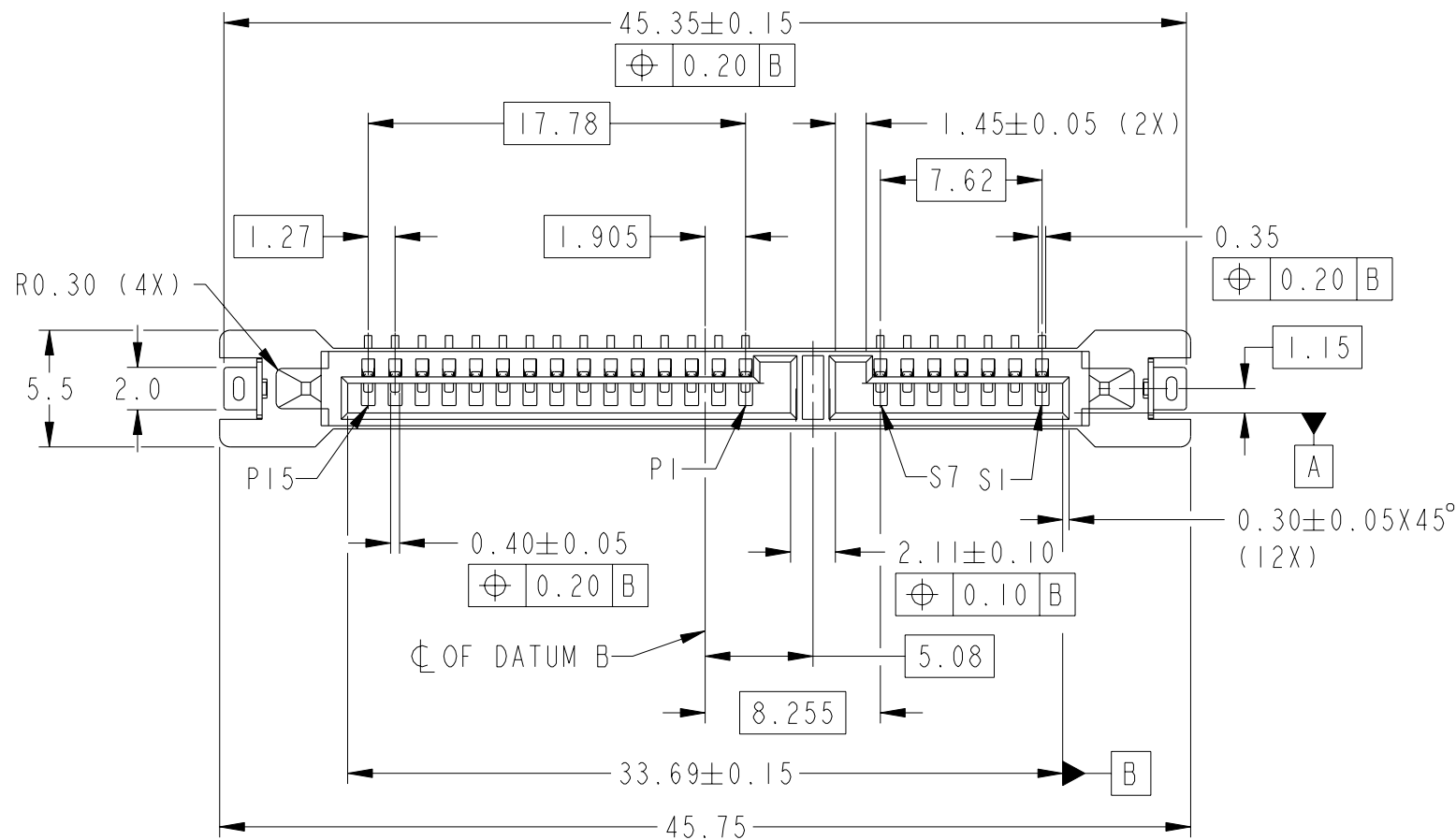




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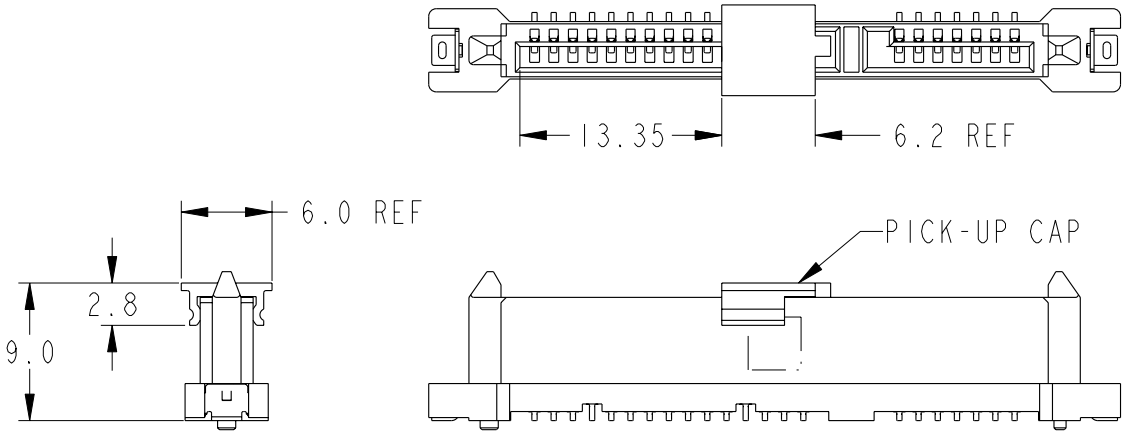
PRODUCT NO  
SEE TABLE



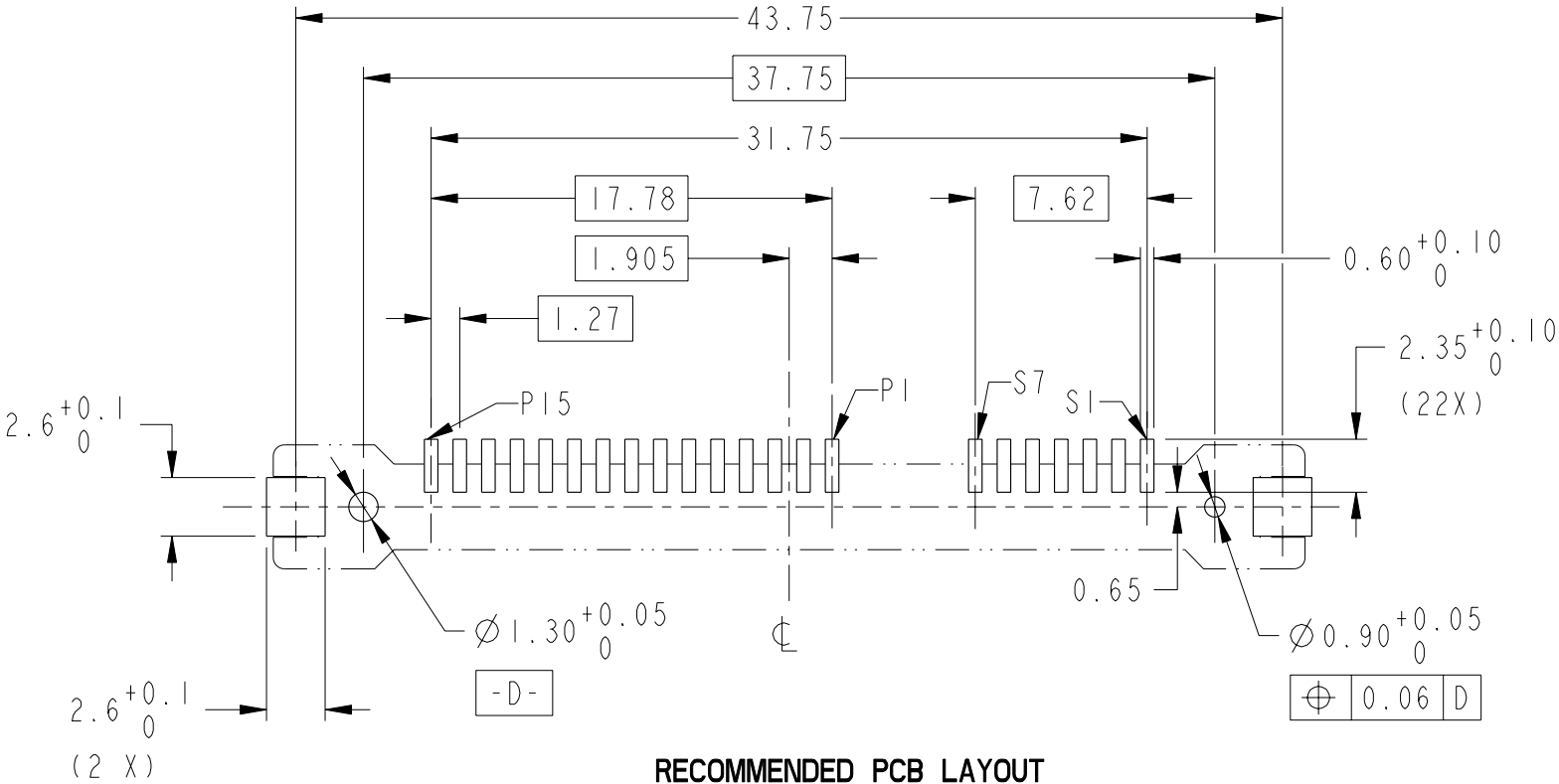
|               |                                       |         |       |       |             |            |                |   |                        |  |           |              |          |     |     |
|---------------|---------------------------------------|---------|-------|-------|-------------|------------|----------------|---|------------------------|--|-----------|--------------|----------|-----|-----|
| spec ref      |                                       | -       |       | dr    | GL L00      | 2004-02-27 | projection     |   | MM                     |  | size      | A3           | scale    | 3:1 |     |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |         |       | eng   | GL L00      | 2004-02-27 |                |   |                        |  | ecn no    | S10-0228     |          |     |     |
|               |                                       |         |       | chr   | GL L00      | 2010-10-28 |                |   |                        |  |           |              |          |     |     |
| ISO 406       |                                       |         |       | appr  | JOEY NG     | 2010-10-28 | product family |   | S-ATA                  |  | rel level |              | -        |     |     |
| surface       | -                                     | linear  | 0.X   | ±-    |             | title      |                |   | S-ATA COMB RECEP       |  |           | dwg no       | 10029065 |     | rev |
|               |                                       |         | 0.XX  | ±0.20 |             |            |                |   |                        |  |           |              |          |     |     |
|               |                                       |         | 0.XXX | ±-    |             |            |                |   |                        |  |           |              |          |     |     |
| ISO 1302      |                                       | angular | 0°    | ±2°   | www.fci.com | cat. no.   |                | - | Product - Customer Drw |  |           | sheet 1 of 3 |          |     |     |

| PRODUCT NO         | PLATING | PICK- UP CAP | PACKAGING   | REMARKS    | PRODUCT NO         | PLATING |
|--------------------|---------|--------------|-------------|------------|--------------------|---------|
| 10029065-001LF     | NOTE ③  | NO           | TRAY        | -          | 10029065-401LF     | NOTE ①① |
| 10029065-001CLF    |         | YES          |             | SEE NOTE ④ | 10029065-401CLF    |         |
| 10029065-001C-TRLF |         | YES          | TAPE & REEL | SEE NOTE ⑨ | 10029065-401C-TRLF |         |

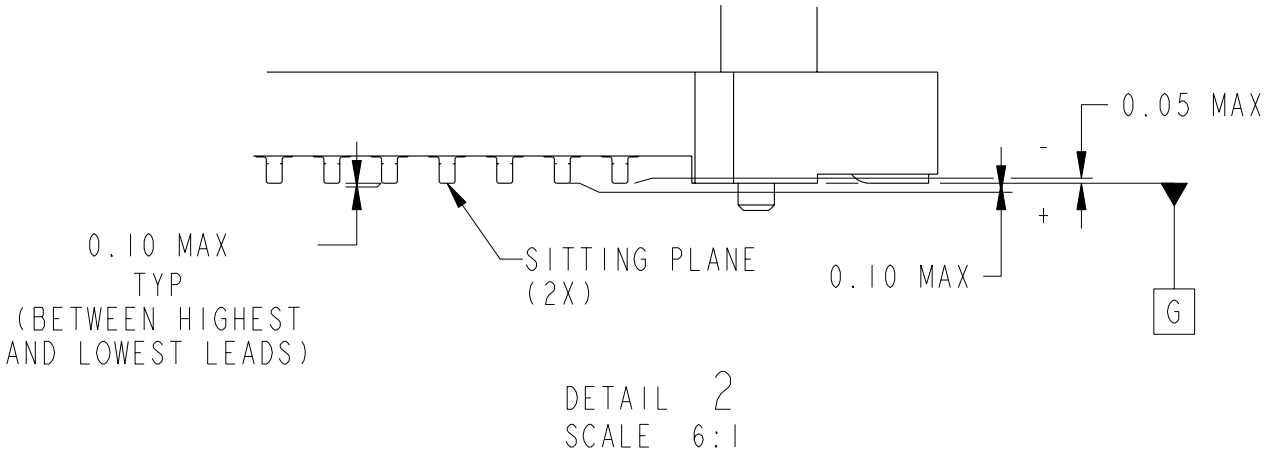
NOTE 11



PART WITH PICK-UP CAP, SEE NOTE ④  
SCALE 2:1



RECOMMENDED PCB LAYOUT

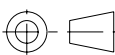


DETAIL 2  
SCALE 6:1

|                                                                                               |  |                                       |  |         |            |        |            |                                                                                       |                                                                                       |          |                                                                                       |                  |           |                        |      |              |    |       |  |     |       |  |       |  |
|-----------------------------------------------------------------------------------------------|--|---------------------------------------|--|---------|------------|--------|------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|------------------|-----------|------------------------|------|--------------|----|-------|--|-----|-------|--|-------|--|
| spec ref                                                                                      |  | -                                     |  | dr      |            | GL L00 | 2004-02-27 |                                                                                       | projection                                                                            |          |  |                  | MM        |                        | size |              | A3 | scale |  | 3:1 |       |  |       |  |
| tolerance std                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng     |            | GL L00 | 2004-02-27 |                                                                                       |  |          | ecn no                                                                                |                  | S10-0228  |                        |      |              |    |       |  |     |       |  |       |  |
| ISO 406                                                                                       |  |                                       |  |         |            |        |            |                                                                                       |                                                                                       |          |                                                                                       |                  |           |                        |      |              |    |       |  |     |       |  |       |  |
| ISO 1101                                                                                      |  |                                       |  |         |            |        |            |                                                                                       |                                                                                       |          |                                                                                       |                  |           |                        |      |              |    |       |  |     |       |  |       |  |
|                                                                                               |  | chr                                   |  | GL L00  | 2010-10-28 |        |            |                                                                                       | product family                                                                        |          | S-ATA                                                                                 |                  | rel level |                        | -    |              |    |       |  |     |       |  |       |  |
|                                                                                               |  | appr                                  |  | JOEY NG | 2010-10-28 |        |            |                                                                                       |                                                                                       |          |                                                                                       |                  |           |                        |      |              |    |       |  |     |       |  |       |  |
| surface  |  | linear                                |  | 0.X     |            | ±-     |            |  |                                                                                       | title    |                                                                                       | S-ATA COMB RECEP |           | dwg no                 |      | 10029065     |    | rev   |  | H   |       |  |       |  |
|                                                                                               |  |                                       |  |         |            |        |            |                                                                                       |                                                                                       |          |                                                                                       |                  |           |                        |      |              |    |       |  |     | 0.XX  |  | ±0.20 |  |
|                                                                                               |  |                                       |  |         |            |        |            |                                                                                       |                                                                                       |          |                                                                                       |                  |           |                        |      |              |    |       |  |     | 0.XXX |  | ±-    |  |
| ISO 1302                                                                                      |  | angular                               |  | 0°      |            | ±2°    |            | www.fci.com                                                                           |                                                                                       | cat. no. |                                                                                       | -                |           | Product - Customer Drw |      | sheet 2 of 3 |    |       |  |     |       |  |       |  |

NOTES:

- 1 THIS PRODUCT MEETS THE SATA SPEC REV. 1.0a
- 2 MATERIAL :  
1) HOUSING : HIGH TEMP TERMOPLASTIC, UL 94V-0  
COLOR : BLACK  
2) TERMINAL : COPPER ALLOY  
3) HOLD DOWN : COPPER ALLOY
- ③ FINISH :  
1)TERMINAL : 30μ" Au PLATING (CONTACT POINT) OVER 50μ" NICKEL  
2) SOLDER TAIL : 50μ" min Sn OVER 50μ" NICKEL  
3) HOLD DOWN : 50μ" min Sn OVER 50μ" NICKEL
- ④ PART WITH PICK-UP CAP, P/N XXXXXXXX-XXXC LF
- ⑤ THE STD PACKAGING IS IN TRAY UNLESS OTHERWISE SPECIFIED.
- 6 THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- ⑦ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ⑧ PART NUMBERS ENDING IN"LF" MEANS FOR NOTE 7 LEAD FREE IDENTIFICATION  
(i) ~~P/N XXXXXXXX-XXXLF IS EQUIVALENT TO PREVIOUS P/N XXXXXXXX-XXX~~  
(ii) ~~P/N XXXXXXXX-XXXCLF IS EQUVALENT TO PREVIOUS P/N XXXXXXXX-XXXC~~
- ⑨ FOR TAPE & REEL PACKAGING, SUFFIX "-TR" ADDED.  
P/N XXXXXXXX-XXXC-TR LF
- ⑩ A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION
- ⑪ FINISH :  
1) TERMINAL : 15μ" GXT PLATING (CONTACT POINT) OVER 50μ" NICKEL  
2) SOLDER TAIL : 50μ" min Sn OVER 50μ" NICKEL  
3) HOLD DOWN : 50μ" min Sn OVER 50μ" NICKEL

|                                                                                               |  |                                       |         |       |                                                                                       |         |                                            |                |                                                                                       |    |           |          |    |       |          |     |   |
|-----------------------------------------------------------------------------------------------|--|---------------------------------------|---------|-------|---------------------------------------------------------------------------------------|---------|--------------------------------------------|----------------|---------------------------------------------------------------------------------------|----|-----------|----------|----|-------|----------|-----|---|
| spec ref                                                                                      |  | -                                     |         | dr    |                                                                                       | GL L00  | 2004-02-27                                 | projection     |  | MM | size      |          | A3 | scale |          | 3:1 |   |
| tolerance std                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |         | eng   |                                                                                       | GL L00  | 2004-02-27                                 |                |                                                                                       |    | ecn no    |          |    |       | SI0-0228 |     |   |
| ISO 406                                                                                       |  |                                       |         | chr   |                                                                                       | GL L00  | 2010-10-28                                 |                |                                                                                       |    | rel level |          |    |       | -        |     |   |
| ISO 1101                                                                                      |  |                                       |         | appr  |                                                                                       | JOEY NG | 2010-10-28                                 | product family |                                                                                       |    |           | S-ATA    |    |       |          |     |   |
| surface  |  | linear                                | 0.X     | ± -   |  | title   | S-ATA COMB RECEP<br>VERTICAL SMT TYPE ASSY |                |                                                                                       |    | dwg no    | 10029065 |    |       |          | rev | H |
|                                                                                               |  |                                       | 0.XX    | ±0.20 |                                                                                       |         |                                            |                |                                                                                       |    |           |          |    |       |          |     |   |
|                                                                                               |  |                                       | 0.XXX   | ± -   |                                                                                       |         |                                            |                |                                                                                       |    |           |          |    |       |          |     |   |
|                                                                                               |  | ISO 1302                              | angular | 0°    |                                                                                       |         |                                            |                |                                                                                       |    |           |          |    |       |          |     |   |