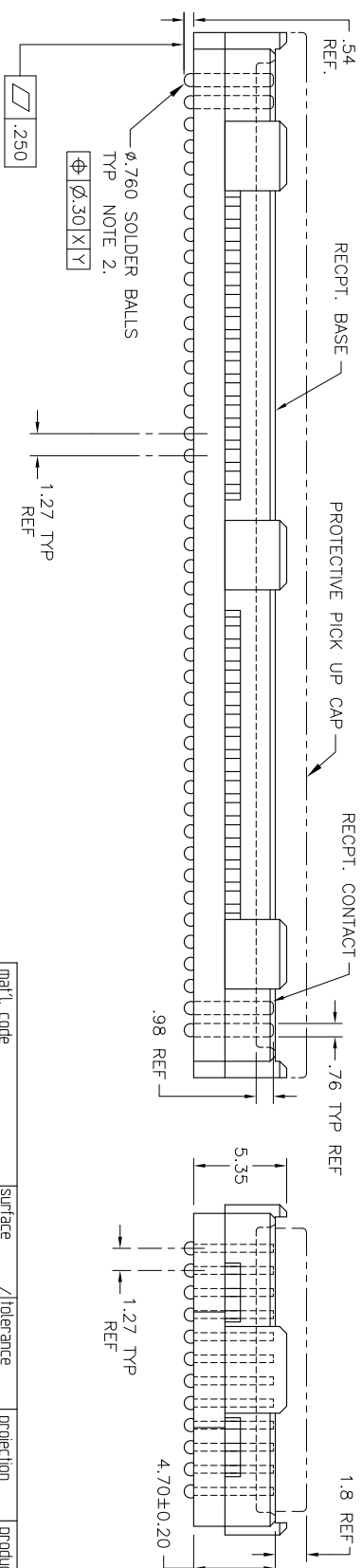
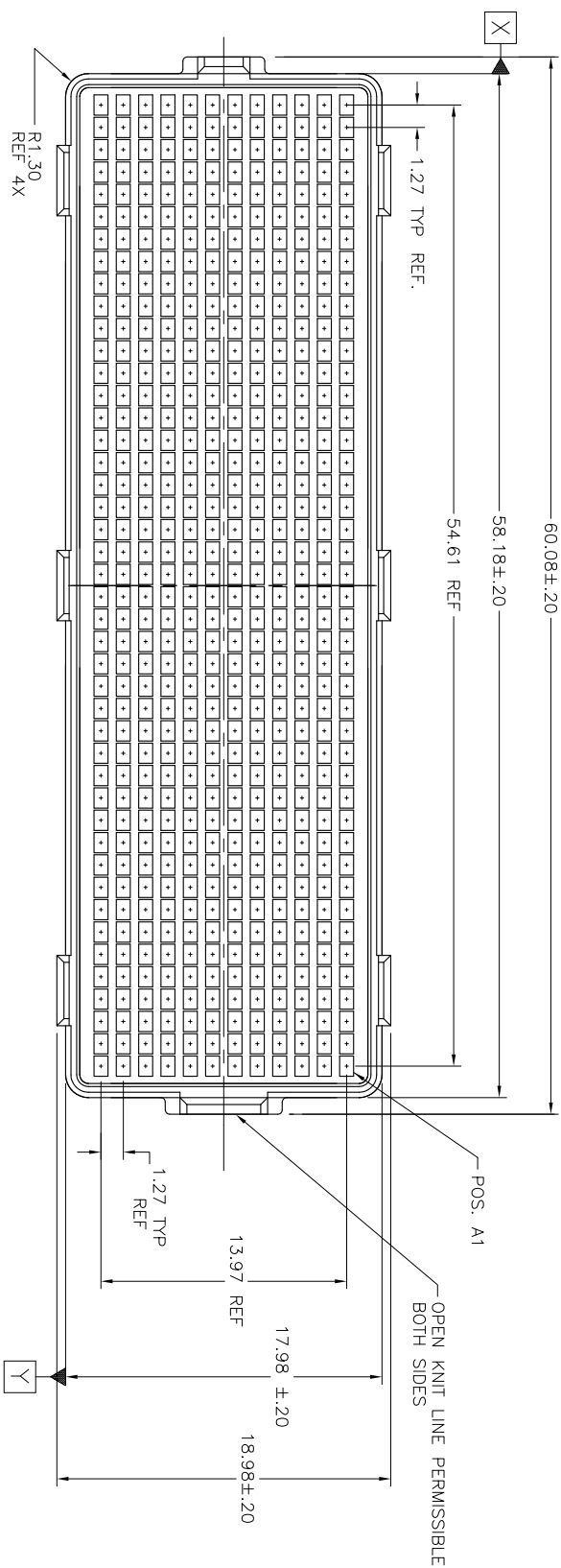
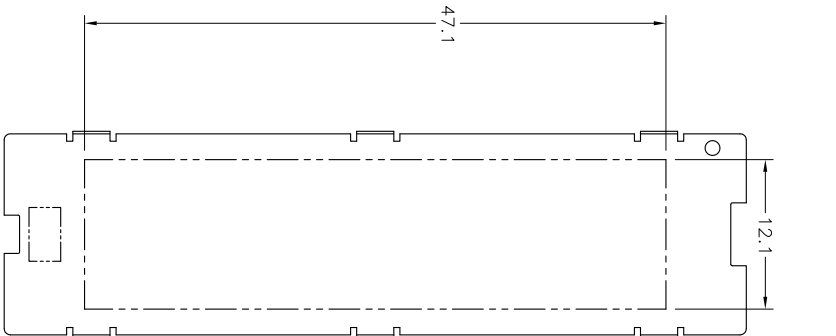
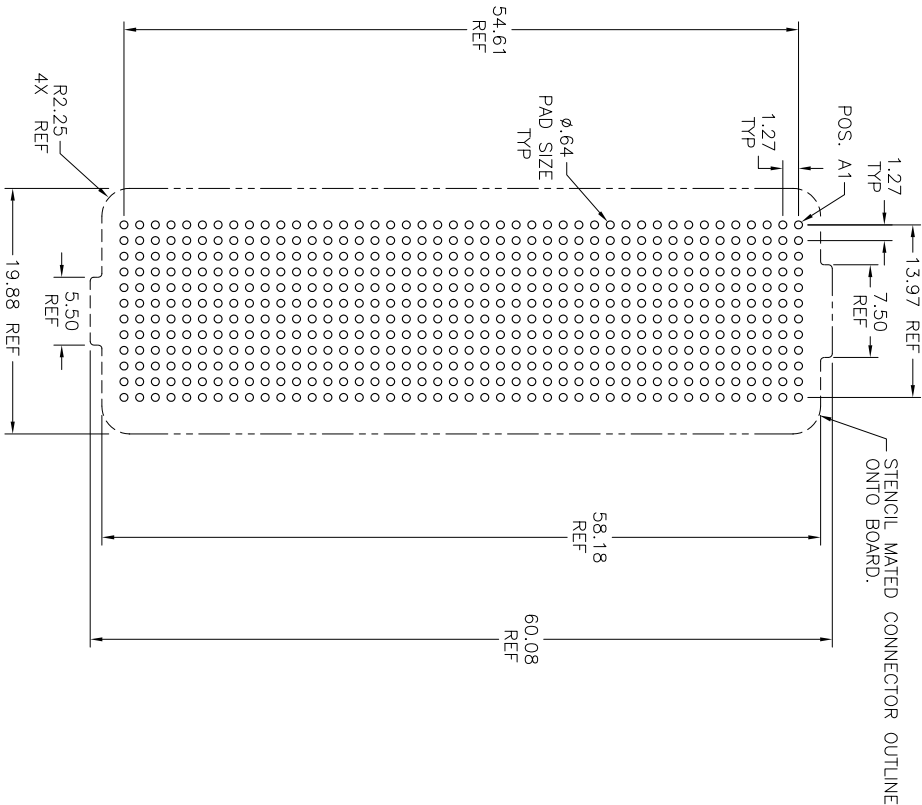




|             |           |            |            |            |                                       |                                                                                                                                                                            |  |
|-------------|-----------|------------|------------|------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| mat'l. code |           | surface    |            | tolerance  |                                       | product family                                                                                                                                                             |  |
| SEE NOTE 1  |           | ASME Y14.5 |            | ASME Y14.5 |                                       | MEG-ARRAY                                                                                                                                                                  |  |
| lthr        | ecn no    | dr         | dtle       | angles     | tolerances unless otherwise specified | <br> |  |
| A           | W03-1102  | LP         | 2003-07-20 | X=3        |                                       | title                                                                                                                                                                      |  |
| B           | W04-0940  | VS         | 2004-06-13 | XX=3       |                                       | 6mm RECEPT. ASSY.                                                                                                                                                          |  |
| C           | W06-0560  | BP         | 2006-07-14 | XX=3       |                                       | 12 X 44 = 528 POS.                                                                                                                                                         |  |
| D           | V-0123333 | RE         | 2002-08-08 | 0.2        | XX=051                                | dwg no                                                                                                                                                                     |  |
| E           | V-13500   | 1DCH       | 2012-11-20 | ENGR       |                                       | sheet 1 of 3                                                                                                                                                               |  |
| F           | V-21047   | RWB        | 2015-06-08 | CHP        |                                       | 10026846                                                                                                                                                                   |  |
| G           | V-215531  | RWB        | 2015-07-27 | APD        |                                       | A4                                                                                                                                                                         |  |
| revision    |           | G          | G          | G          |                                       | CUSTOMER Drawing                                                                                                                                                           |  |
| sheet       |           | 1          | 2          | 3          |                                       | type                                                                                                                                                                       |  |
| index       |           |            |            |            |                                       |                                                                                                                                                                            |  |



FLAT AREA FOR  
PICK UP CAP



BOARD PATTERN

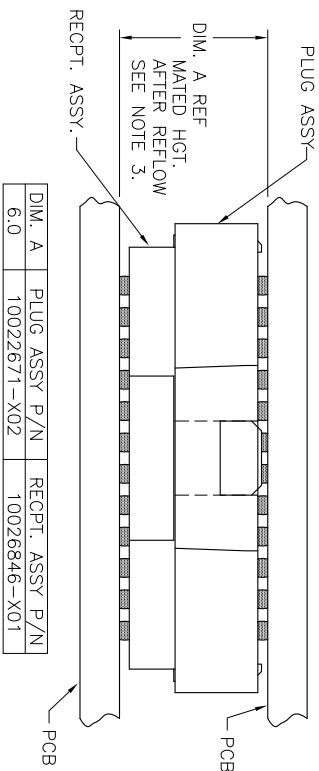
| mat'l code |          |    |      | surface                               |            | tolerance  |            | projection |  | product family     |  |
|------------|----------|----|------|---------------------------------------|------------|------------|------------|------------|--|--------------------|--|
| SEE NOTE 1 |          |    |      | ASME Y14.5                            |            | ASME Y14.5 |            | ⌀ -        |  | MEG-ARRAY          |  |
| lfr        | ecn no   | dr | date | tolerances unless otherwise specified |            |            |            |            |  | title              |  |
| G          |          |    |      | angles                                | 6          | X+3        |            | MM         |  | 6mm RECP. ASSY.    |  |
|            |          |    |      | 0° ±2°                                | XX±13      | XXX±051    |            | Scale 1:1  |  | 12 X 44 = 528 POS. |  |
|            |          |    |      | dr                                    | D.JINGRAM  |            | 2003-04-01 |            |  | sheet 2 of 3       |  |
|            |          |    |      | engr                                  | D.WHITTING |            | 2003-04-01 |            |  | 10026846           |  |
|            |          |    |      | chr                                   | D.WHITTING |            | 2003-04-01 |            |  | A4                 |  |
|            |          |    |      | appd                                  | D.WHITTING |            | 2003-04-01 |            |  | CUSTOMER Drawing   |  |
| sheet      | revision |    |      |                                       |            |            |            |            |  |                    |  |
| index      | sheet    |    |      |                                       |            |            |            |            |  |                    |  |



| PRODUCT NUMBER   | PICK-UP CAP<br>(NATURAL OR BLACK COLOR) | CONTACT PLATING<br>AND THICKNESS | SOLDER BALL | NOTES   |
|------------------|-----------------------------------------|----------------------------------|-------------|---------|
| 10026846--001    | YES                                     | 15u" (.38um) Au                  | SnPb        |         |
| 10026846--001LF  | YES                                     | 15u" (.38um) Au                  | LEAD FREE   | 6       |
| 10026846--091    | YES                                     | 15u" (.38um) GXT                 | SnPb        |         |
| 10026846--091LF  | YES                                     | 15u" (.38um) GXT                 | LEAD FREE   | 6       |
| 10026846--091BF  | WITH VENT HOLES                         | 15u" (.38um) GXT                 | SnPb        |         |
| 10026846--091BLF | WITH VENT HOLES                         | 15u" (.38um) GXT                 | LEAD FREE   | 6       |
| 10026846--101    | YES                                     | 30u" (.76um) Au                  | SnPb        |         |
| 10026846--101LF  | YES                                     | 30u" (.76um) Au                  | LEAD FREE   | 6       |
| 10026846--191    | YES                                     | 30u" (.76um) GXT                 | SnPb        |         |
| 10026846--191LF  | YES                                     | 30u" (.76um) GXT                 | LEAD FREE   | 6       |
| 10026846--201    | YES                                     | 50u" (1.27um) Au SPECIAL         | SnPb        | 4       |
| 10026846--201LF  | YES                                     | 50u" (1.27um) Au SPECIAL         | LEAD FREE   | 4 AND 6 |
| 10026846--291    | YES                                     | 50u" (1.27um) GXT SPECIAL        | SnPb        | 4       |
| 10026846--291LF  | YES                                     | 50u" (1.27um) GXT SPECIAL        | LEAD FREE   | 4 AND 6 |
|                  |                                         |                                  |             |         |
|                  |                                         |                                  |             |         |
|                  |                                         |                                  |             |         |
|                  |                                         |                                  |             |         |

- NOTES:
1. MATL:  
HOUSING: LCP  
CONTACT: COPPER ALLOY
- PLATING:
- CONTACT: (SEE TABLE)  
SOLDER BALL: (SEE TABLE)  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/44g/0.5Cu
2. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
  3. MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.
  4. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACT GEOMETRY IN THESE PRODUCT NUMBERS IS SPECIAL, ALSO.
  5. FOR PROPER APPLICATION FOLLOW FCI APPLICATION SPECIFICATION GS-20-033 LEAD FREE SOLDER BALLS WILL NOT SOLDER PROPERLY IN A LEADED SOLDER PROCESS DUE TO A HIGHER REFLOW TEMPERATURE. LEAD FREE PRODUCT IS THEREFORE NOT BACKWARDS COMPATIBLE WITH LEADED OR SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION

- ⑥ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION
- ⑦ 10026846-301, -301LF, -401, -401LF, -501, AND -501LF ARE OBSOLETE.
9. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



MATED HEIGHT AFTER REFLOW IS BASED ON  $\phi$ .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW - MATED CONNECTORS SCALE NONE

|             |        |            |      |                                        |  |                                                                                     |  |                                         |  |
|-------------|--------|------------|------|----------------------------------------|--|-------------------------------------------------------------------------------------|--|-----------------------------------------|--|
| mat'l. code |        | surface    |      | tolerance                              |  | projection                                                                          |  | product family                          |  |
| SEE NOTE 1  |        | ASME Y14.5 |      | ASME Y14.5                             |  |  |  | MEG-ARRAY                               |  |
| lth         | ecn no | dr         | date | tolerances unless otherwise specified  |  |                                                                                     |  | title                                   |  |
| 6           |        |            |      | angles<br>X ± 3<br>X ± 3<br>XXX ± 0.51 |  |  |  | 6mm RECEPT. ASSY.<br>12 X 44 = 528 POS. |  |
|             |        |            |      | D. INGRAM<br>2003-04-01                |  |  |  | dwg no<br>sheet 3 of 3                  |  |
|             |        |            |      | D. WHITING<br>2003-04-01               |  |                                                                                     |  | 10026846<br>A4                          |  |
|             |        |            |      | D. WHITING<br>2003-04-01               |  |                                                                                     |  | CUSTOMER Drawing                        |  |
| sheet       |        | revision   |      |                                        |  |                                                                                     |  |                                         |  |
| index       |        | sheet      |      |                                        |  |                                                                                     |  |                                         |  |