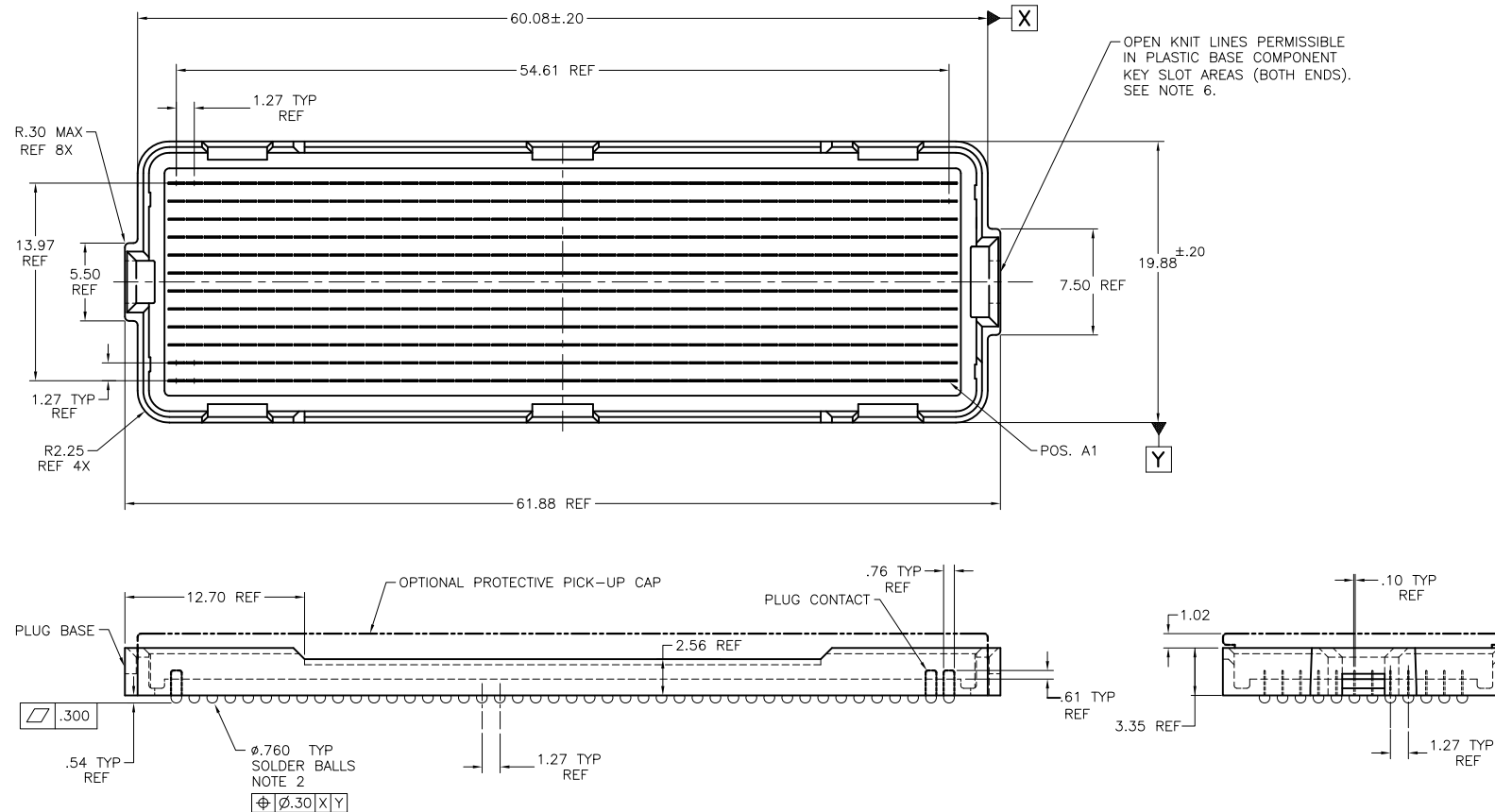
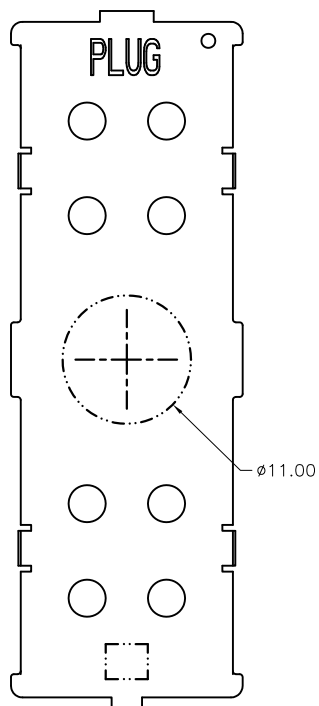
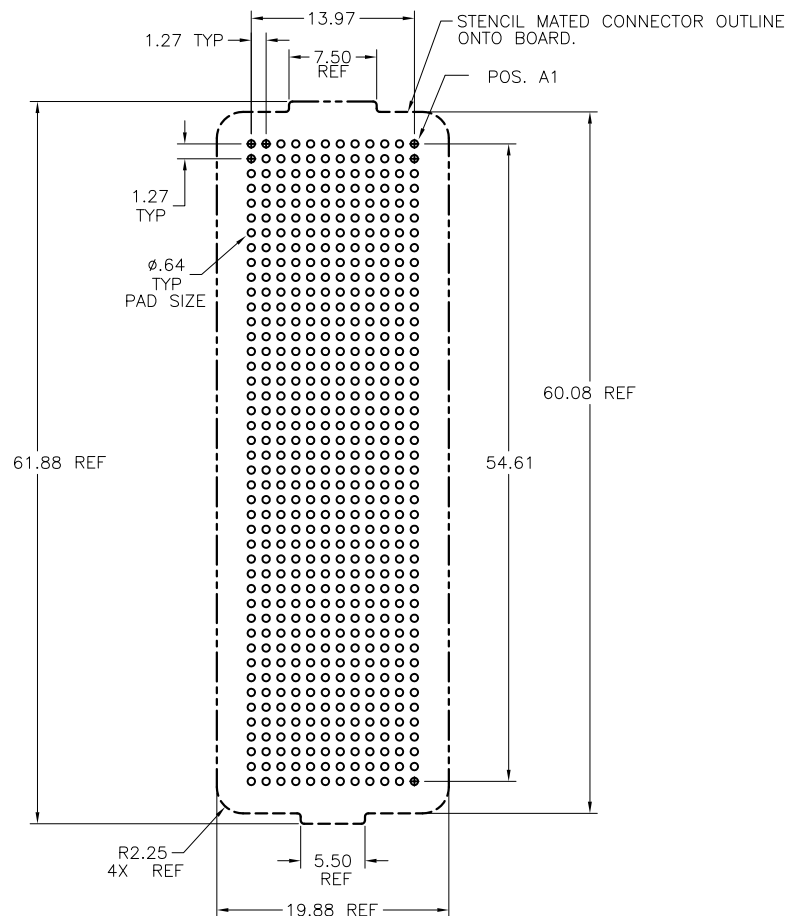




| mat'l. code |          |     |            | surface                               |           | tolerance  | projection                                                                                  | product family                             |  |
|-------------|----------|-----|------------|---------------------------------------|-----------|------------|---------------------------------------------------------------------------------------------|--------------------------------------------|--|
| SEE NOTE 1  |          |     |            | ASME Y14.5                            |           | ASME Y14.5 | <br>MM | MEG-Array                                  |  |
| ltr         | ecr no   | dr  | date       | tolerances unless otherwise specified |           |            |                                                                                             | title                                      |  |
| A           | V03-1102 | LP  | 2003-10-20 | angles                                | to 2'     | X ±3       | scale 1:1                                                                                   | <b>Omm PLUG ASSY</b><br>12 X 44 = 528 POS. |  |
| B           | V04-0940 | VS  | 2004-10-13 |                                       |           | XX ±10     |                                                                                             |                                            |  |
| C           | V06-0560 | LP  | 2006-07-17 | 0' ±2'                                |           | XXX ±050   |                                                                                             | dwg no                                     |  |
| D           | V12-0031 | SJ  | 2012-08-03 | dr                                    | D.INGRAM  | 2003-02-05 |        | sheet 1 of 4                               |  |
| E           | V12-0050 | DCH | 2012-11-20 | engr                                  | D.WHITING | 2003-02-05 |                                                                                             | size                                       |  |
|             |          |     |            | chr                                   | D.WHITING | 2003-02-05 |                                                                                             | A4                                         |  |
|             |          |     |            | appd                                  | D.WHITING | 2003-02-05 |                                                                                             | type                                       |  |
| sheet       | revision | E   | E          | E                                     | E         |            |                                                                                             | CUSTOMER Drawing                           |  |
| index       | sheet    | 1   | 2          | 3                                     | 4         |            |                                                                                             |                                            |  |



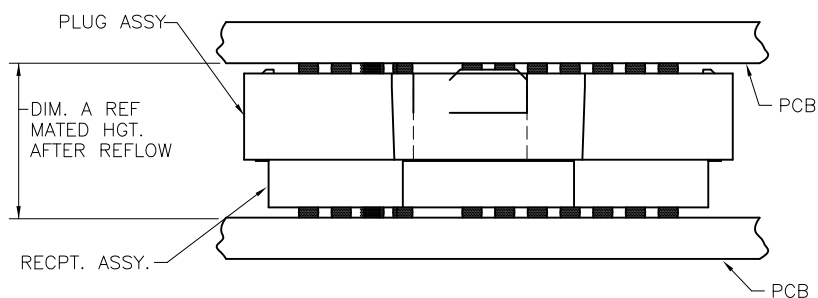
VACUUM AREA  
FOR OPTIONAL  
PICK UP CAP



**BOARD PATTERN**  
SCALE 2/1

|             |                |         |            |                                       |                            |                                                                                       |                                      |
|-------------|----------------|---------|------------|---------------------------------------|----------------------------|---------------------------------------------------------------------------------------|--------------------------------------|
| mat'l. code | SEE NOTE 1     | surface | ASME Y14.5 | tolerance                             | ASME Y14.5                 | projection                                                                            | product family                       |
| ltr         | ecm no         | dr      | date       | tolerances unless otherwise specified |                            |  | MEG-Array                            |
| E           |                |         |            | angles                                | X ±3<br>XX ±10<br>XXX ±050 | MM                                                                                    | title                                |
|             |                |         |            | 0° ±2°                                |                            | scale 1:1                                                                             | 0mm PLUG. ASSY<br>12 X 44 = 528 POS. |
|             |                | dr      | D.INGRAM   | 2003-02-05                            |                            |                                                                                       | dwg no                               |
|             |                | enr     | D.WHITING  | 2003-02-05                            |                            |                                                                                       | sheet 2 of 4                         |
|             |                | chr     | D.WHITING  | 2003-02-05                            |                            |                                                                                       | size                                 |
|             |                | appd    | D.WHITING  | 2003-02-05                            |                            |                                                                                       | A4                                   |
| sheet index | revision sheet |         |            |                                       |                            |                                                                                       | type                                 |
|             |                |         |            |                                       |                            |                                                                                       | CUSTOMER Drawing                     |

| PRODUCT NUMBER            | PICK-UP CAP<br>(NATURAL OR<br>BLACK IN COLOR) | CONTACT PLATING<br>AND THICKNESS   | SOLDER BALL          | NOTES                      |
|---------------------------|-----------------------------------------------|------------------------------------|----------------------|----------------------------|
| 10022671-002              | YES                                           | 15μ" (.38μm) Au                    | SnPb                 |                            |
| 10022671-002LF            | YES                                           | 15μ" (.38μm) Au                    | LEAD FREE            | 8                          |
| 10022671-092              | YES                                           | 15μ" (.38μm) GXT                   | SnPb                 |                            |
| 10022671-092LF            | YES                                           | 15μ" (.38μm) GXT                   | LEAD FREE            | 8                          |
| 10022671-102              | YES                                           | 30μ" (.76μm) Au                    | SnPb                 |                            |
| 10022671-102LF            | YES                                           | 30μ" (.76μm) Au                    | LEAD FREE            | 8                          |
| 10022671-192              | YES                                           | 30μ" (.76μm) GXT                   | SnPb                 |                            |
| 10022671-192LF            | YES                                           | 30μ" (.76μm) GXT                   | LEAD FREE            | 8                          |
| 10022671-202              | YES                                           | 50μ" (1.27μm) Au SPECIAL           | SnPb                 | 4 AND 5                    |
| 10022671-202LF            | YES                                           | 50μ" (1.27μm) Au SPECIAL           | LEAD FREE            | 4, 5, and 8                |
| 10022671-292              | YES                                           | 50μ" (1.27μm) GXT SPECIAL          | SnPb                 | 4 AND 5                    |
| 10022671-292LF            | YES                                           | 50μ" (1.27μm) GXT SPECIAL          | LEAD FREE            | 4, 5 AND 8                 |
| <del>10022671-302</del>   | <del>YES</del>                                | <del>15μ" (.38μm) Au SPECIAL</del> | <del>SnPb</del>      | <del>9</del>               |
| <del>10022671-302LF</del> | <del>YES</del>                                | <del>15μ" (.38μm) Au SPECIAL</del> | <del>LEAD FREE</del> | <del>8 &amp; 9</del>       |
| <del>10022671-402</del>   | <del>YES</del>                                | <del>30μ" (.76μm) Au SPECIAL</del> | <del>SnPb</del>      | <del>9</del>               |
| <del>10022671-402LF</del> | <del>YES</del>                                | <del>30μ" (.76μm) Au SPECIAL</del> | <del>LEAD FREE</del> | <del>8 &amp; 9</del>       |
| <del>10022671-502</del>   | <del>YES</del>                                | <del>Au SPECIAL</del>              | <del>SnPb</del>      | <del>4, 5 &amp; 9</del>    |
| <del>10022671-502LF</del> | <del>YES</del>                                | <del>Au SPECIAL</del>              | <del>LEAD FREE</del> | <del>4, 5, 8 &amp; 9</del> |



| MATED HEIGHT TABLE |                 |                |
|--------------------|-----------------|----------------|
| DIM. A             | RECT. ASSY. P/N | PLUG ASSY. P/N |
| 6.0                | 10026846-X01    | 10022671-X02   |

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

END VIEW – MATED CONNECTORS SCALE NONE

|                           |                |    |      |                                       |                            |            |                                     |
|---------------------------|----------------|----|------|---------------------------------------|----------------------------|------------|-------------------------------------|
| mat'l. code<br>SEE NOTE 1 |                |    |      | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5    | projection | product family<br>MEG-Array         |
| ltr                       | ecn no         | dr | date | tolerances unless otherwise specified |                            | MM         | title                               |
| E                         |                |    |      | angles                                | X ±3<br>XX ±10<br>XXX ±050 |            | 0mm PLUG ASSY<br>12 X 44 = 528 POS. |
|                           |                |    |      | dr                                    | D.INGRAM                   | 2003-02-05 | dwg no                              |
|                           |                |    |      | enrg                                  | D.WHITING                  | 2003-02-05 | sheet 3 of 4                        |
|                           |                |    |      | chr                                   | D.WHITING                  | 2003-02-05 | size                                |
|                           |                |    |      | appd                                  | D.WHITING                  | 2003-02-05 | 10022671                            |
| sheet index               | revision sheet |    |      |                                       |                            |            | A4                                  |
|                           |                |    |      |                                       |                            |            | type CUSTOMER Drawing               |

## NOTES:

- ①. MAT'L:  
HOUSING: LCP  
CONTACT: COPPER ALLOY  
PLATING:  
 CONTACT: (SEE TABLE ON SHEET3)  
 SOLDER BALL: (SEE TABLE ON SHEET3)  
 EUTECTIC SnPb OR LEAD FREE  
 95.5Sn/4Ag/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 NUMBER MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).
- ⑤. PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.
- ⑥. KNIT LINE: SLIGHT VISIBLE MARKS (USUALLY A LINE) INDICATING THE DIRECTION AND MEETING POINT OF PLASTIC RESIN FLOW FRONTS TRAVELING AROUND ANY OBSTRUCTIONS TO THE RESIN FLOW VIA THE REQUIRED MOLD TOOLING.
- ⑦. 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
- ⑧. 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

11. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, NEW VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

|                           |                |    |      |                                       |                         |                                                                                                     |                                                     |  |  |  |
|---------------------------|----------------|----|------|---------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------|--|--|--|
| mat'l. code<br>SEE NOTE 1 |                |    |      | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection<br> | product family<br>MEG-Array                         |  |  |  |
| ltr                       | ecr no         | dr | date | tolerances unless otherwise specified |                         | MM<br>1:1                                                                                           | title<br><b>0mm PLUG ASSY</b><br>12 X 44 = 528 POS. |  |  |  |
| E                         |                |    |      | angles                                | X ±3                    |                                                                                                     |                                                     |  |  |  |
|                           |                |    |      | 0° ±2°                                | XXX ±0.50               |                                                                                                     |                                                     |  |  |  |
|                           |                |    |      | dr                                    | D.INGRAM 2003-02-05     |                                                                                                     |                                                     |  |  |  |
|                           |                |    |      | enr                                   | D.WHITING 2003-02-05    |                | dwg no                                              |  |  |  |
|                           |                |    |      | chr                                   | D.WHITING 2003-02-05    |                                                                                                     | sheet 4 of 4                                        |  |  |  |
|                           |                |    |      | appd                                  | D.WHITING 2003-02-05    |                                                                                                     | size                                                |  |  |  |
| sheet index               | revision sheet |    |      |                                       |                         |                                                                                                     | 10022671                                            |  |  |  |
|                           |                |    |      |                                       |                         |                                                                                                     | A4                                                  |  |  |  |
|                           |                |    |      |                                       |                         |                                                                                                     | type CUSTOMER Drawing                               |  |  |  |