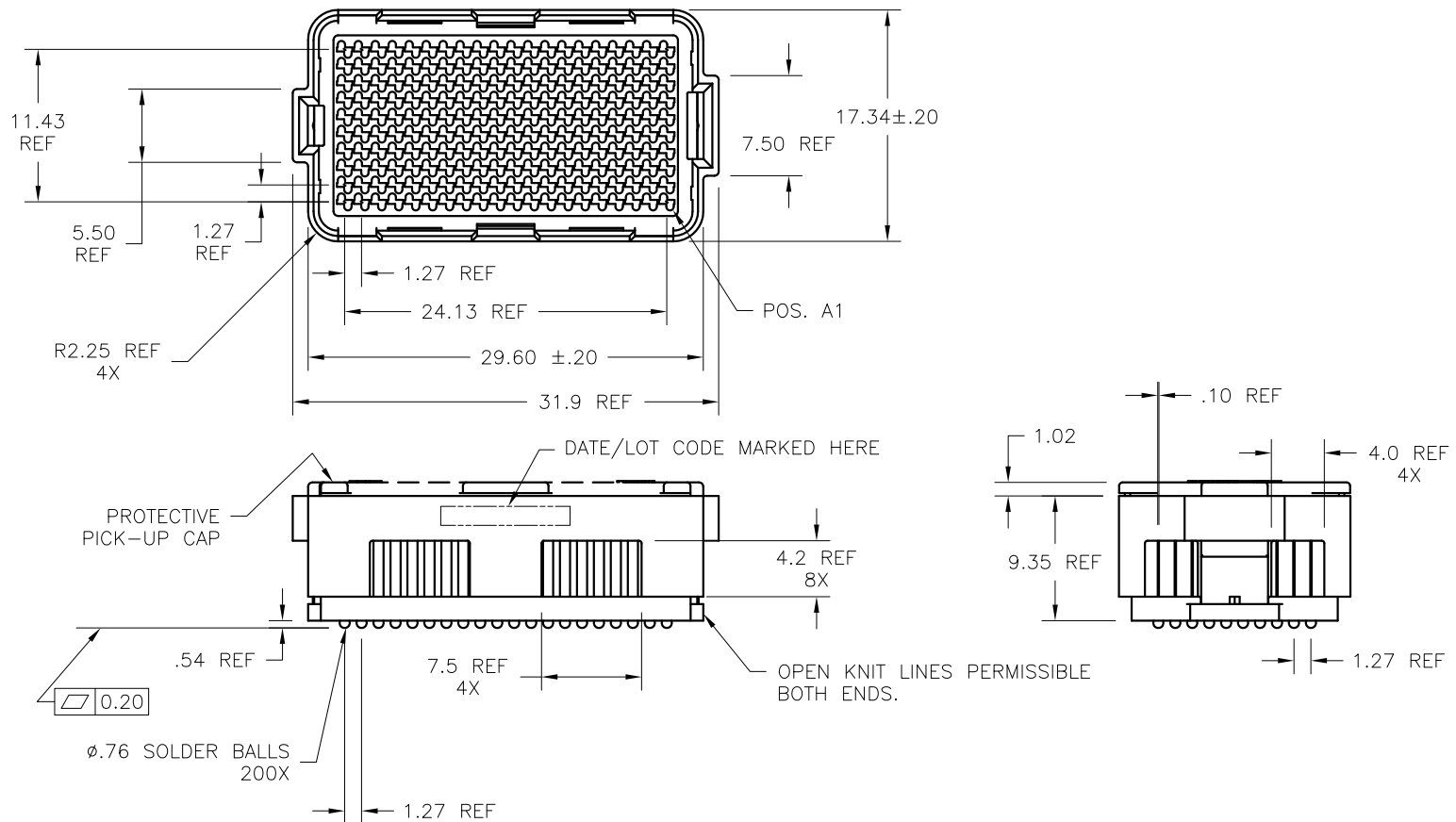
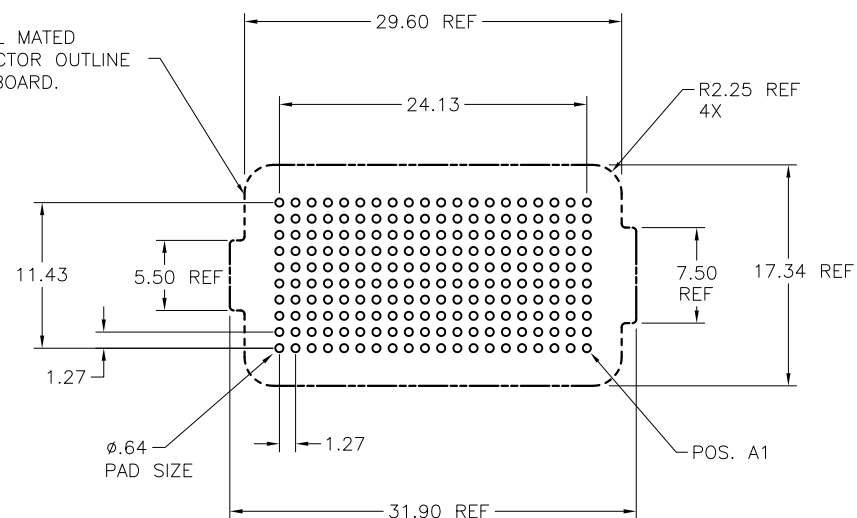


PRODUCT NUMBER  
 SEE TABLE— SHEET 2


| mat'l. code |          |     |            | surface                               |                                                                                               | tolerance                                                                                       | projection                                                                                  | product family          |  |
|-------------|----------|-----|------------|---------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------|--|
| SEE NOTE 1  |          |     |            | ASME Y14.5                            |                                                                                               | ASME Y14.5                                                                                      | <br>MM | MEG-Array               |  |
| ltr         | ecm no   | dr  | date       | tolerances unless otherwise specified |                                                                                               |                                                                                                 |                                                                                             | title                   |  |
| H           | V11-0029 | HTB | 2011-06-06 | angles                                | <br>X ±3 | <br>XX ±10 | scale 1:1                                                                                   | 6.0mm PLUG ASSEMBLY     |  |
| J           | V12-0024 | HTB | 2012-04-03 |                                       |                                                                                               |                                                                                                 |                                                                                             | 10 X 20 = 200 POSITIONS |  |
| K           | V12-0030 | RE  | 2012-08-06 | 0° ±2°                                | XXX ±0.50                                                                                     |                                                                                                 |                                                                                             | dwg no                  |  |
| L           | V12-0048 | DCH | 2012-11-20 |                                       |                                                                                               |                                                                                                 |                                                                                             | sheet 1 of 3            |  |
| -           | -        | -   | -          | engr                                  | B. SPINK                                                                                      | 1999-09-08                                                                                      |        | 84530                   |  |
| F           | V06-0560 | LP  | 2006-07-14 |                                       |                                                                                               |                                                                                                 |                                                                                             | A4                      |  |
| G           | V07-0641 | LP  | 2007-10-23 | appd                                  | B. SPINK                                                                                      | 1999-09-08                                                                                      |                                                                                             | type CUSTOMER Drawing   |  |
| sheet       | revision | L   | L          |                                       |                                                                                               |                                                                                                 |                                                                                             |                         |  |
| index       | sheet    | 1   | 2          | 3                                     |                                                                                               |                                                                                                 |                                                                                             |                         |  |

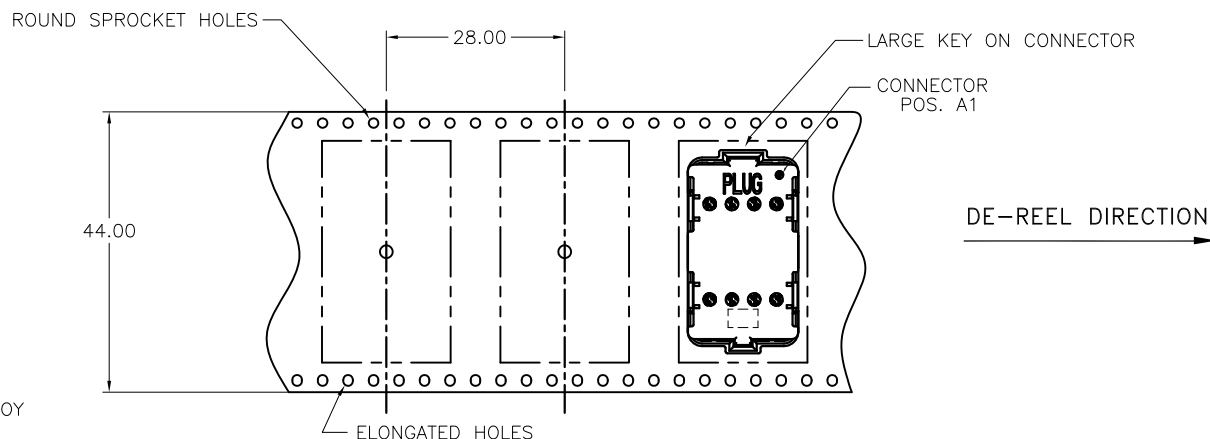
| PRODUCT NO.            | PICK-UP CAP<br>(NATURAL OR<br>BLACK COLOR) | CONTACT PLATING<br>AND THICKNESS   | SOLDER BALL          | NOTES                    |
|------------------------|--------------------------------------------|------------------------------------|----------------------|--------------------------|
| 84530-002              | YES                                        | 15μ" (.38μm) Au                    | SnPb                 |                          |
| 84530-002LF            | YES                                        | 15μ" (.38μm) Au                    | LEAD FREE            | 6                        |
| 84530-092              | YES                                        | 15μ" (.38μm) GXT                   | SnPb                 |                          |
| 84530-092LF            | YES                                        | 15μ" (.38μm) GXT                   | LEAD FREE            | 6                        |
| 84530-102              | YES                                        | 30μ" (.76μm) Au                    | SnPb                 |                          |
| 84530-102LF            | YES                                        | 30μ" (.76μm) Au                    | LEAD FREE            | 6                        |
| 84530-192              | YES                                        | 30μ" (.76μm) GXT                   | SnPb                 |                          |
| 84530-192LF            | YES                                        | 30μ" (.76μm) GXT                   | LEAD FREE            | 6                        |
| 84530-202              | YES                                        | 50μ" (1.27μm) Au SPECIAL           | SnPb                 | 3 AND 4                  |
| 84530-202LF            | YES                                        | 50μ" (1.27μm) Au SPECIAL           | LEAD FREE            | 3, 4 AND 6               |
| 84530-292              | YES                                        | 50μ" (1.27μm) GXT SPECIAL          | SnPb                 | 3 AND 4                  |
| 84530-292LF            | YES                                        | 50μ" (1.27μm) GXT SPECIAL          | LEAD FREE            | 3, 4 AND 6               |
| 84530-A02              | YES                                        | 30μ" (.76μm)                       | SnPb                 | 7                        |
| 84530-A02LF            | YES                                        | 30μ" (.76μm)                       | LEAD FREE            | 6 AND 7                  |
| <del>84530-302</del>   | <del>YES</del>                             | <del>15μ" (.38μm) Au SPECIAL</del> | <del>SnPb</del>      | <del>7</del>             |
| <del>84530-302LF</del> | <del>YES</del>                             | <del>15μ" (.38μm) Au SPECIAL</del> | <del>LEAD FREE</del> | <del>6 AND 7</del>       |
| <del>84530-402</del>   | <del>YES</del>                             | <del>30μ" (.76μm) Au SPECIAL</del> | <del>SnPb</del>      | <del>7</del>             |
| <del>84530-402LF</del> | <del>YES</del>                             | <del>30μ" (.76μm) Au SPECIAL</del> | <del>LEAD FREE</del> | <del>6 AND 7</del>       |
| <del>84530-502</del>   | <del>YES</del>                             | <del>Au SPECIAL</del>              | <del>SnPb</del>      | <del>3, 4 AND 7</del>    |
| <del>84530-502LF</del> | <del>YES</del>                             | <del>Au SPECIAL</del>              | <del>LEAD FREE</del> | <del>3, 4, 6 AND 7</del> |

STENCIL MATED  
CONNECTOR OUTLINE  
ONTO BOARD.



BOARD PATTERN

|             |                |            |            |                         |
|-------------|----------------|------------|------------|-------------------------|
| mat'l. code | surface        | tolerance  | projection | product family          |
| SEE NOTE 1  | ASME Y14.5     | ASME Y14.5 |            | MEG-Array               |
| ltr         | ecr no         | dr         | date       | title                   |
| L           |                |            |            | 6.0mm PLUG ASSEMBLY     |
|             |                |            |            | 10 X 20 = 200 POSITIONS |
|             |                |            |            | dwg no                  |
|             |                |            |            | 84530                   |
|             |                |            |            | type                    |
|             |                |            |            | CUSTOMER Drawing        |
| sheet index | revision sheet |            |            | sheet 2 of 3 size       |
|             |                |            |            | A4                      |

PRODUCT NUMBER  
 SEE TABLE-SHEET 2


## NOTES:

## ①. MATERIAL:

 HOUSING: LCP  
 CONTACT: COPPER ALLOY

## PLATING:

 CONTACT: (SEE TABLE ON SHEET 2)  
 SOLDER BALL: (SEE TABLE ON SHEET 2)  
 EUTECTIC SnPb OR LEAD FREE  
 95.5Sn/4Ag/0.5Cu

 ②. OVERALL BOARD-TO-BOARD STACK HEIGHTS  
 AVAILABLE USING THIS CONNECTOR (84530):

| MATED HEIGHT | WITH RECPT. P/N | -2XX PLATING |
|--------------|-----------------|--------------|
| 10mm         | 84517           | SEE NOTE 2   |
| 12mm         | 55724           |              |
| 14mm         | 84535           | SEE NOTE 3   |

 ③. PLATING FOR INDICATED -2XX SERIES PART NOS.  
 MEET THE REQUIREMENTS OF GR-1217-CORE,  
 CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).

 ④. 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.

 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. 84530-A02 AND -A02LF ARE CUSTOMER SPECIALS.

 12. 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>scale 1:1                                                                                     | title<br>6.0mm PLUG ASSEMBLY<br>10 X 20 = 200 POSITIONS |  |
| L                         |                |    |      | angles                                | X ±3<br>XX ±10<br>XXX ±050 |                                                                                                     | dwg no                                                  |  |
|                           |                |    |      | 0° ±2°                                |                            |                                                                                                     | sheet 3 of 3                                            |  |
|                           |                |    |      | dr                                    | D. WAUGHEN 1999-09-08      |                | size<br>A4                                              |  |
|                           |                |    |      | enr                                   | B. SPINK 1999-09-08        |                                                                                                     | 84530                                                   |  |
|                           |                |    |      | chr                                   | B. SPINK 1999-09-08        |                                                                                                     | type                                                    |  |
|                           |                |    |      | appd                                  | B. SPINK 1999-09-08        |                                                                                                     | CUSTOMER Drawing                                        |  |
| sheet index               | revision sheet |    |      |                                       |                            |                                                                                                     |                                                         |  |