



|            |           |     |            |                                       |   |            |  |              |  |            |  |                    |  |
|------------|-----------|-----|------------|---------------------------------------|---|------------|--|--------------|--|------------|--|--------------------|--|
| mat'l code |           |     |            |                                       |   | surface    |  | tolerance    |  | projection |  | product family     |  |
| SEE NOTE 1 |           |     |            |                                       |   | ASME Y14.5 |  | ✓ ASME Y14.5 |  |            |  | MEG-ARRAY          |  |
| lfr        | ecn no    | df  | date       | tolerances unless otherwise specified |   |            |  |              |  |            |  | title              |  |
| A          | V03--1102 | LP  | 2003-09-20 | angles                                |   | X+3        |  |              |  |            |  | 6mm RECP.T. ASSY.  |  |
| B          | V04--0940 | VS  | 2004-08-0  | B                                     |   | XX+1B      |  |              |  |            |  | 12 X 44 = 528 POS. |  |
| C          | V06--0560 | LP  | 2006-07-4  | O ±.2"                                |   | XXX±.051   |  |              |  | scale 1:1  |  | dwg no             |  |
| D          | V-012333  | RE  | 2002-08-08 | D.F.RAM                               |   |            |  |              |  |            |  | sheet 1 of 3       |  |
| E          | V-13500-- | DCR | 2012-11-20 | ENG'G                                 |   | 2009-04-01 |  |              |  |            |  | size               |  |
| F          | V-21047   | RWB | 2015-06-08 | CIN                                   |   | D.WHTING   |  | 2009-04-01   |  |            |  | A4                 |  |
| G          | V-215131  | RWB | 2015-07-27 | app'd                                 |   | D.WHTING   |  | 2009-04-01   |  |            |  | CUSTOMER Drawing   |  |
| revision   |           |     | G          | G                                     | G |            |  |              |  |            |  |                    |  |
| index      |           |     | sheet      | 1                                     | 2 | 3          |  |              |  |            |  |                    |  |

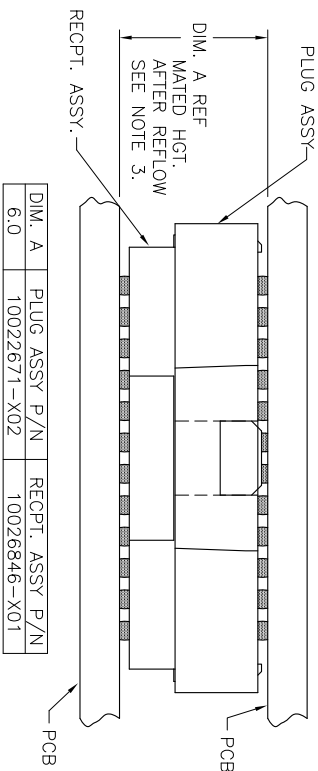


|             |        |            |      |                                                         |  |                                                                                     |  |                                        |  |
|-------------|--------|------------|------|---------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|----------------------------------------|--|
| 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                                  |  |
| 6           |        |            |      | angles<br>$\frac{1}{2}$ full<br>X*3<br>XX*13<br>XXX*051 |  | $\longleftrightarrow$<br>MM<br>$\longleftrightarrow$                                |  | 6mm REOPT. ASSY.<br>12 X 44 = 528 POS. |  |
|             |        |            |      | $0^\circ \pm 2^\circ$<br>XXX*051                        |  | scale 1:1                                                                           |  | dwg no<br>sheet 2 of 3                 |  |
|             |        |            |      | D.1GRAM 2003-04-01                                      |  |                                                                                     |  | 10026846                               |  |
|             |        |            |      | ENGR 2003-04-01                                         |  |                                                                                     |  | A4                                     |  |
|             |        |            |      | D.WHITING 2003-04-01                                    |  |                                                                                     |  |                                        |  |
|             |        |            |      | D.WHITING 2003-04-01                                    |  |                                                                                     |  |                                        |  |
| 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
  2. PLATING:  
CONTACT: (SEE TABLE)  
SOLDER BALL: (SEE TABLE)  
EUTECTIC SnPb OR LEAD FREE  
95.5Sn/44g/0.5Cu
  3. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE  
DUE TO REFLOW ATTACHMENT.
  4. SOLDER HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING,  
SOLDER REFLOW PROFILE, & SOLDER PASTE.
  5. 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.
  6. 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 LEAD SOLDERING APPLICATIONS. DIFFERENT



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 |          | SEE NOTE 1 |      | surface    | tolerance  | <br>projection | product family | MEG-ARRAY                               |
| lt#         | ecn no   | dr         | date | ASPE Y14.5 | ASPE Y14.5 |                                                                                                   |                |                                         |
| 6           |          |            |      | angles     | X*3        | <br>MM         | title          | 6mm RECEPT. ASSY.<br>12 X 44 = 528 POS. |
|             |          |            |      | line       | XX*3       |                                                                                                   |                |                                         |
|             |          |            |      | o' ±.2     | XXX*1051   | scale 1:1                                                                                         | dwg no         | sheet 3 of 3                            |
|             |          |            |      | dr         | D.INGRAM   |                | type           | CUSTOMER Drawing                        |
|             |          |            |      | ENGR       | D.WHITING  |                                                                                                   |                |                                         |
|             |          |            |      | chr        | D.WHITING  |                                                                                                   |                |                                         |
|             |          |            |      | apprd      | D.WHITING  |                                                                                                   |                |                                         |
| sheet index | revision | sheet      |      |            |            |                                                                                                   |                |                                         |