



PRODUCT NUMBER  
SEE TABLE-SHEET-3

NOTES:

① MATERIAL:

HOUSING: LCP  
CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET 3)  
SOLDER BALL: (SEE TABLE ON SHEET 3)  
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 NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS GEOMETRY IN THESE PRODUCT NUMBERS IS SPECIAL, ALSO.

⑤ KILT 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.

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 SOME SOLDERING APPLICATIONS. REFERENCE FCI APPLICATION SPECIFICATION

⑦ 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.

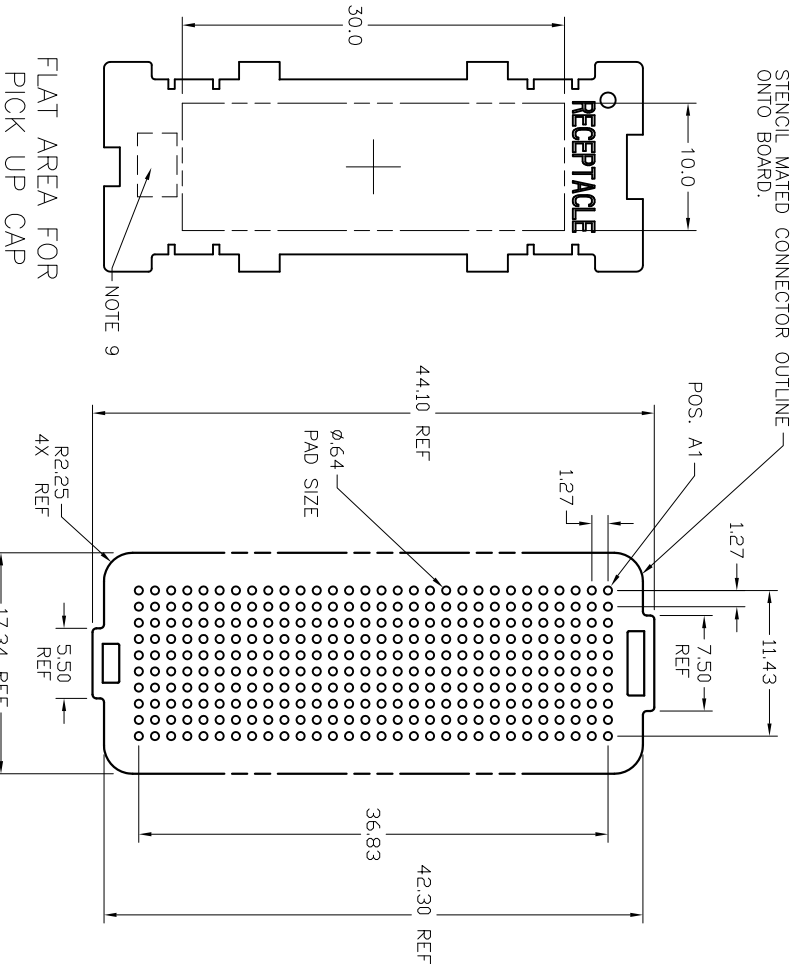
⑧ 84553-A01 AND -A01LF ARE CUSTOMER SPECIALS.

⑨ CURRENT COMPANY LOGO TO BE VISIBLE IN APPROXIMATE AREA SHOWN.

⑩ 84553-0931LF HAS A SPECIAL CAP.

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

STENCIL MATED CONNECTOR OUTLINE  
ONTO BOARD.



| mat'l. code |          | SEE NOTE 1 |      | surface   |            | tolerance  |           | projection |            | product family            |  |
|-------------|----------|------------|------|-----------|------------|------------|-----------|------------|------------|---------------------------|--|
| lfr         | ecn no   | qtr        | date | ASPE Y4.5 | ASPE Y4.5  | ASPE Y4.5  | ASPE Y4.5 | ASPE Y4.5  | ASPE Y4.5  | MEG-ARRAY                 |  |
| J           |          |            |      | angles    | g          | X *3       | XX *18    | XXX *051   | Scale: 2:1 | 8.0mm RECEPTACLE ASSEMBLY |  |
|             |          |            |      | dr        | D. WAUGHEN | 2000-02-23 |           |            |            | 10 x 30 = 300 POS.        |  |
|             |          |            |      | plgr      | W. SPINK   | 2000-02-23 |           |            |            |                           |  |
|             |          |            |      | cltr      | W. SPINK   | 2000-02-23 |           |            |            |                           |  |
|             |          |            |      | apdd      | W. SPINK   | 2000-02-23 |           |            |            |                           |  |
| sheet       | revision |            |      |           |            |            |           |            |            | FCI                       |  |
| index       | sheet    |            |      |           |            |            |           |            |            | type                      |  |

A



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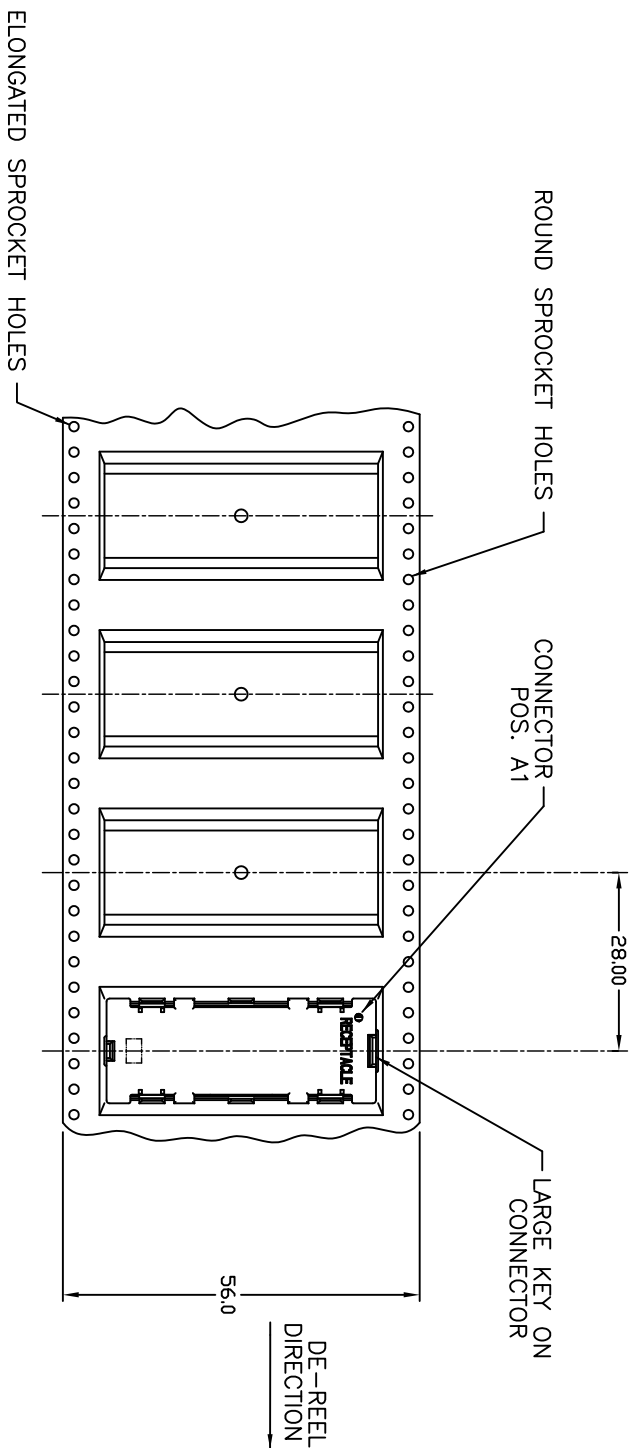
FCIconnect.com

PRODUCT NUMBER  
SEE TABLE-SHEET 3

1 2

3

4



TAPE & REEL PACKAGING  
PER EIA 481-3

form: ArrayMLC

1

2

3

4

|             |        |            |      |                                       |            |                                                                                     |  |                           |  |
|-------------|--------|------------|------|---------------------------------------|------------|-------------------------------------------------------------------------------------|--|---------------------------|--|
| mat'l. code |        | surface    |      | tolerance                             |            | projection                                                                          |  | product family            |  |
| SEE NOTE 1  |        | ASME Y14.5 |      | ASME Y14.5                            |            |  |  | MEG-ARRAY                 |  |
| lfr         | ecn no | dfr        | date | tolerances unless otherwise specified |            |                                                                                     |  | title                     |  |
| j           |        |            |      | angles                                | X ±.03     |  |  | 8.0mm RECEPTACLE ASSEMBLY |  |
|             |        |            |      | linear                                | XX ±.03    |                                                                                     |  | 10 x 30 = 300 POS.        |  |
|             |        |            |      | or ±.01                               | XXX ±.051  | scale 1:1                                                                           |  | dwg no                    |  |
|             |        |            |      | dfr                                   | D. WAUGHEN |                                                                                     |  | sheet 4 of 4              |  |
|             |        |            |      | engr                                  | W. SPINK   |                                                                                     |  | size                      |  |
|             |        |            |      | clerk                                 | W. SPINK   |                                                                                     |  | A4                        |  |
|             |        |            |      | appd                                  | W. SPINK   |                                                                                     |  | CUSTOMER Drawing          |  |
| revision    |        |            |      |                                       |            |                                                                                     |  | type                      |  |
| sheet index |        | sheet      |      |                                       |            |                                                                                     |  |                           |  |