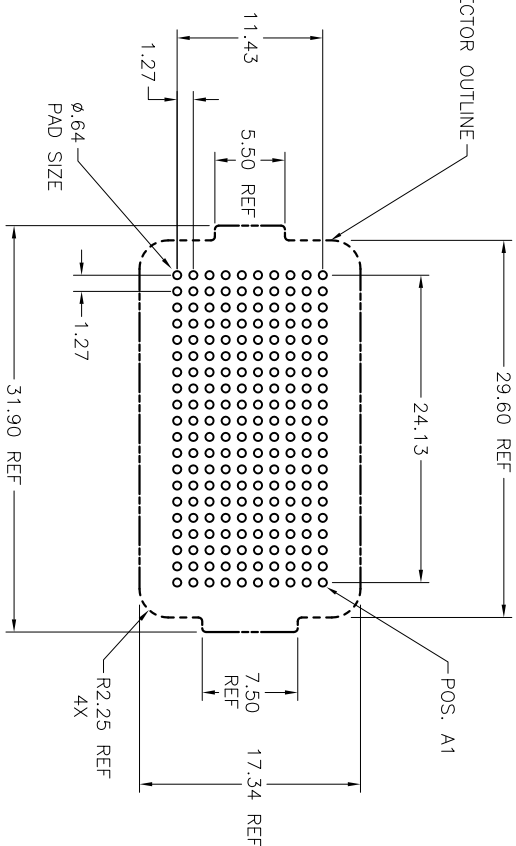


STENCIL MATED CONNECTOR OUTLINE
ONTO BOARD.



BOARD PATTERN

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. OVERALL BOARD-TO-BOARD STACK HEIGHTS AVAILABLE USING THIS CONNECTOR (84535):.

| MATED HEIGHT | WITH PLUG P/N |
|--------------|---------------|
| 8mm | 84516 |
| 14mm | 84530 |


3. PLATING FOR INDICATED -2XX SERIES PRODUCT NUMBERS MEET THE REQUIREMENTS OF GR-1217-CORE. THE CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS ON THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.

- ④ FOR PROPER APPLICATION FOLLOW FC 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 FC1 APPLICATION SPECIFICATION.

| | | | | | | | | | |
|-------------|----------|-------------|------|---|--|---|--|--|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| SEE NOTE 1 | | ASME Y4.5 ✓ | | ASME Y4.5 | |  | | MEG-Arroy | |
| lth | ecrn no | dr | date | tolerances unless otherwise specified | |  | | title | |
| | | | |  | |  | | 8.0mm RECEPTACLE ASSEMBLY 10 X 20 = 200 POSITIONS | |
| | | | |  | |  | | sheet 2 of 3 | |
| | | | |  | |  | | 84535 | |
| | | | |  | | | | size | |
| | | | |  | | | | A4 | |
| sheet | revision | | | | | | | CUSTOMER Drawing | |
| index | sheet | | | | | | | | |

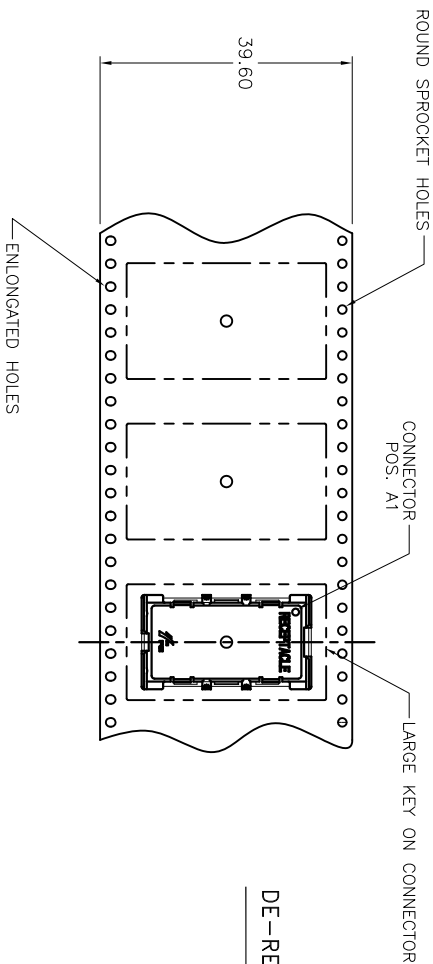
5. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

- ⑥ 84535-A01 AND -A01LF ARE CUSTOMER SPECIALS.



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

| PRODUCT NUMBER | PICK-UP CAP (NATURAL OR BLACK COLOR) | CONTACT PLATING AND THICKNESS | SOLDER BALL | NOTES |
|----------------|--------------------------------------|-------------------------------|-------------|---------|
| 84535-001 | YES | 15µ" (0.39µm) Au | SnPb | |
| 84535-001LF | YES | 15µ" (0.39µm) Au | LEAD FREE | 5 |
| 84535-091 | YES | 15µ" (0.39µm) GXT | SnPb | |
| 84535-091LF | YES | 15µ" (0.39µm) GXT | LEAD FREE | 5 |
| 84535-101 | YES | 30µ" (0.76µm) Au | SnPb | |
| 84535-101LF | YES | 30µ" (0.76µm) Au | LEAD FREE | 5 |
| 84535-191 | YES | 30µ" (0.76µm) GXT | SnPb | |
| 84535-191LF | YES | 30µ" (0.76µm) GXT | LEAD FREE | 5 |
| 84535-201 | YES | 50µ" (1.27µm) Au SPECIAL | SnPb | 3 |
| 84535-201LF | YES | 50µ" (1.27µm) Au SPECIAL | LEAD FREE | 3 and 5 |
| 84535-291 | YES | 50µ" (1.27µm) GXT SPECIAL | SnPb | 3 |
| 84535-291LF | YES | 50µ" (1.27µm) GXT SPECIAL | LEAD FREE | 3 and 5 |
| 84535-A01 | YES | 30µ" / 0.76µm SPECIAL | SnPb | 6 |
| 84535-A01LF | YES | 30µ" / 0.76µm SPECIAL | Low Temp | 5 & 6 |
| 84535-101LTLF | YES | 30µ" (0.76µm) Au | Low Temp | 5 |
| 84535-191LTLF | YES | 30µ" (0.76µm) GXT | Low Temp | 5 |

Δ Δ Δ



DE-REEL DIRECTION

| | | | | | | | | | | | | | | |
|-------------|--|--|-----------|--|--|-----------|--|--|---|--|--|---------------------------|--|--|
| mat'l. code | | | surface | | | tolerance | | | projection | | | product family | | |
| SEE NOTE 1 | | | ASPE Y4.5 | | | ASPE Y4.5 | | |  | | | MEG-Array | | |
| lbr | | | ecn no | | | dtr | | | date | | | title | | |
| | | | | | | | | | | | | 8.0mm RECEPTACLE ASSEMBLY | | |
| | | | | | | | | | angles | | | 10 X 20 = 200 POSITIONS | | |
| L | | | | | | | | |  | | | | | |
| | | | | | | | | | X ±.3 | | | | | |
| | | | | | | | | | XX ±.10 | | | | | |
| | | | | | | | | | XXX ±.050 | | | | | |
| | | | | | | | | | scale 1:1 | | | | | |
| | | | | | | | | | | | | dwg no | | |
| | | | | | | | | | | | | sheet 3 of 3 size | | |
| | | | | | | | | | | | | 84535 | | |
| | | | | | | | | | | | | A4 | | |
| | | | | | | | | | | | | CUSTOMER Drawing | | |
| sheet | | | revision | | | | | | | | | | | |
| index | | | sheet | | | | | | | | | | | |