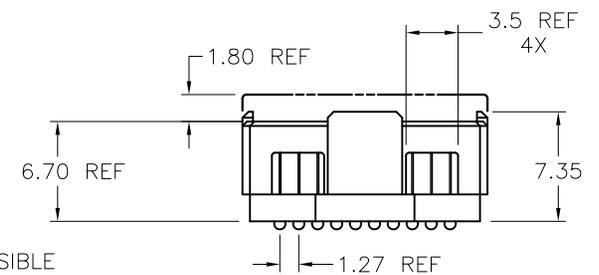
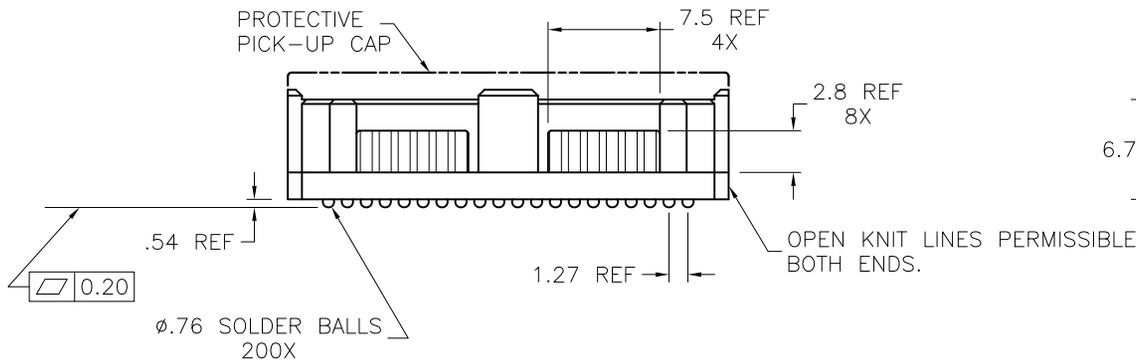
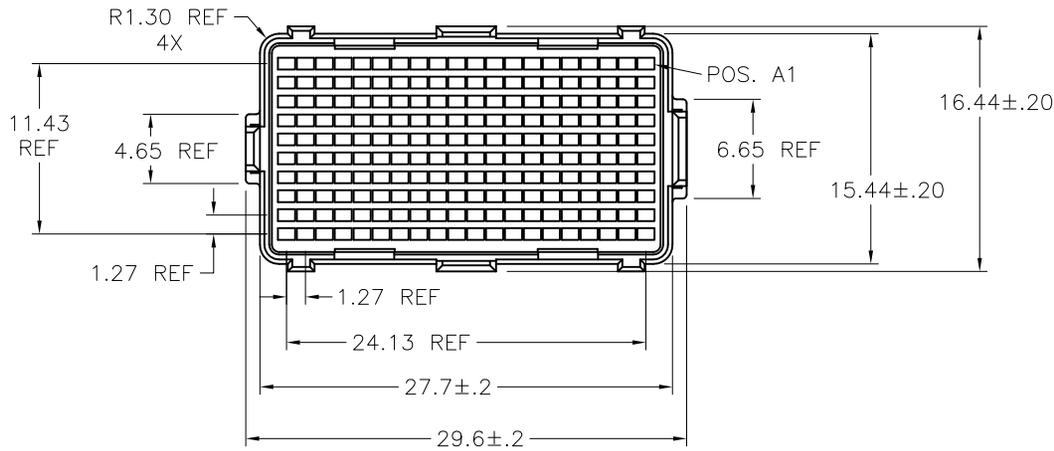


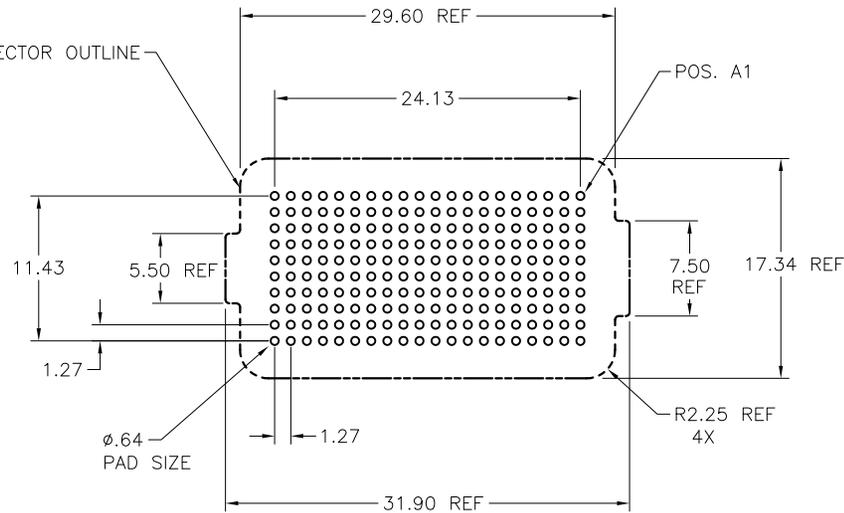
PRODUCT NUMBER
SEE TABLE-SHEET 3



| | | | | | | | | | | | |
|-------------|----------|-----|------------|---------------------------------------|-----------------------|------------|-----------|------------|---------------------------|----------------|--|
| mat'l. code | | | | surface | | tolerance | | projection | | product family | |
| SEE NOTE 1 | | | | ASME Y14.5 | | ASME Y14.5 | | | | MEG-Array | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | | | | | |
| H | V-012333 | SJ | 2012-08-06 | angles | X ±3 | | MM | | title | | |
| J | V12-0034 | SM | 2012-09-27 | lines | .XX ±10 | | scale 1:1 | | 8.0mm RECEPTACLE ASSEMBLY | | |
| K | V12-0049 | DCH | 2012-12-11 | 0° ±2' | XXX ±050 | | | | 10 X 20 = 200 POSITIONS | | |
| - | - | - | - | dr | D. WAUGHEN 1999-09-07 | | | | dwg no sheet 1 of 3 size | | |
| E | VO6-0560 | LP | 2006-07-14 | engr | B. SPINK 1999-09-07 | | | | 84535 A4 | | |
| F | VO7-0641 | LP | 2007-10-23 | chr | B. SPINK 1999-09-07 | | | | type CUSTOMER Drawing | | |
| G | V11-0030 | HTB | 2011-06-16 | appd | B. SPINK 1999-09-07 | | | | | | |
| sheet | revision | K | K | K | | | | | | | |
| index | sheet | 1 | 2 | 3 | | | | | | | |

PRODUCT NUMBER
SEE TABLE--SHEET 3

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, CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY). THE CONTACTS ON THESE PRODUCT NUMBERS ALSO HAVE SPECIAL CONTACT GEOMETRY.

- ④ 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.

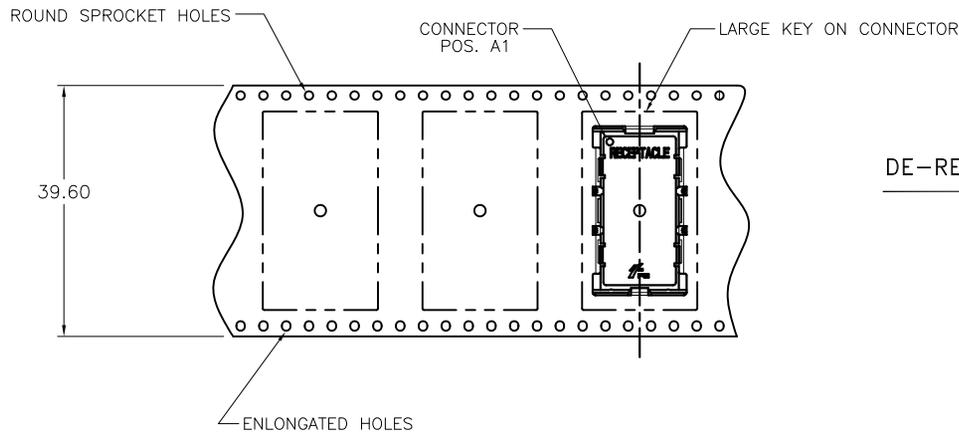
- ⑤ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION.

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

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

| | | | | | | | | | |
|---------------------------|----------------|-----------------------|------------|---------------------------------------|--------|----------------|--|---|--|
| mat'l. code SEE NOTE 1 | | surface ASME Y14.5 | | tolerance ASME Y14.5 | | projection | | product family MEG-Array | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | MM | | title 8.0mm RECEPTACLE ASSEMBLY 10 X 20 = 200 POSITIONS | |
| k | | | | angles | X ±3 | scale 1:1 | | dwg no | |
| | | | | 0° ±2' | XX ±10 | FCI | | sheet 2 of 3 size | |
| | | | | xxx ±050 | | | | 84535 A4 | |
| | | dr | D. WAUGHEN | 1999-09-07 | | | | type | |
| | | engr | B. SPINK | 1999-09-07 | | | | CUSTOMER Drawing | |
| | | chr | B. SPINK | 1999-09-07 | | | | | |
| | | appd | B. SPINK | 1999-09-07 | | | | | |
| sheet index | revision sheet | | | | | | | | |

| PRODUCT NUMBER | PICK-UP CAP (NATURAL OR BLACK COLOR) | CONTACT PLATING AND THICKNESS | SOLDER BALL | NOTES |
|------------------------|--------------------------------------|-------------------------------------|----------------------|-------------------------|
| 84535-001 | YES | 15μ" (0.38μm) Au | SnPb | |
| 84535-001LF | YES | 15μ" (0.38μm) Au | LEAD FREE | 5 |
| 84535-091 | YES | 15μ" (0.38μm) GXT | SnPb | |
| 84535-091LF | YES | 15μ" (0.38μm) 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 | LEAD FREE | 5 & 6 |
| 84535-301 | YES | 15μ" (0.38μm) Au SPECIAL | SnPb | 6 |
| 84535-301LF | YES | 15μ" (0.38μm) Au SPECIAL | LEAD FREE | 5 & 6 |
| 84535-401 | YES | 30μ" (0.76μm) Au SPECIAL | SnPb | 6 |
| 84535-401LF | YES | 30μ" (0.76μm) Au SPECIAL | LEAD FREE | 5 & 6 |
| 84535-501 | YES | SPECIAL | SnPb | 3 & 6 |
| 84535-501LF | YES | SPECIAL | LEAD FREE | 3, 5 & 6 |



| | | | | | | | | | |
|-------------|----------------|------------|------------|---------------------------------------|----------|------------|--|---------------------------|--|
| mat'l. code | | surface | | tolerance | | projection | | product family | |
| SEE NOTE 1 | | ASME Y14.5 | | ASME Y14.5 | | | | MEG-Array | |
| ltr | ecm no | dr | date | tolerances unless otherwise specified | | MM | | title | |
| K | | | | angles | X ±3 | ← | | 8.0mm RECEPTACLE ASSEMBLY | |
| | | | | 0° ±2' | .XX ±10 | → | | 10 X 20 = 200 POSITIONS | |
| | | | | | XXX ±050 | scale 1:1 | | dwg no | |
| | | dr | D. WAUGHEN | 1999-09-07 | | | | sheet 3 of 3 size | |
| | | engr | B. SPINK | 1999-09-07 | | | | 84535 A4 | |
| | | chr | B. SPINK | 1999-09-07 | | | | type | |
| | | appd | B. SPINK | 1999-09-07 | | | | CUSTOMER Drawing | |
| sheet index | revision sheet | | | | | | | | |