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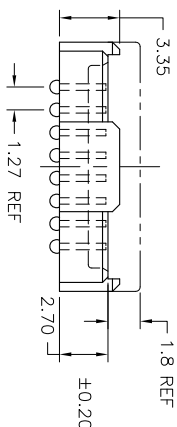
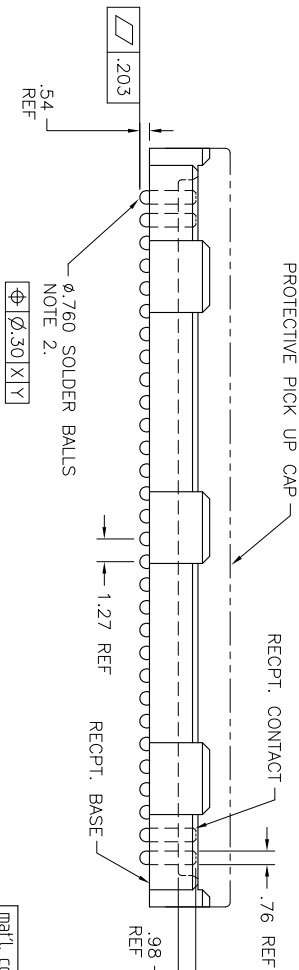
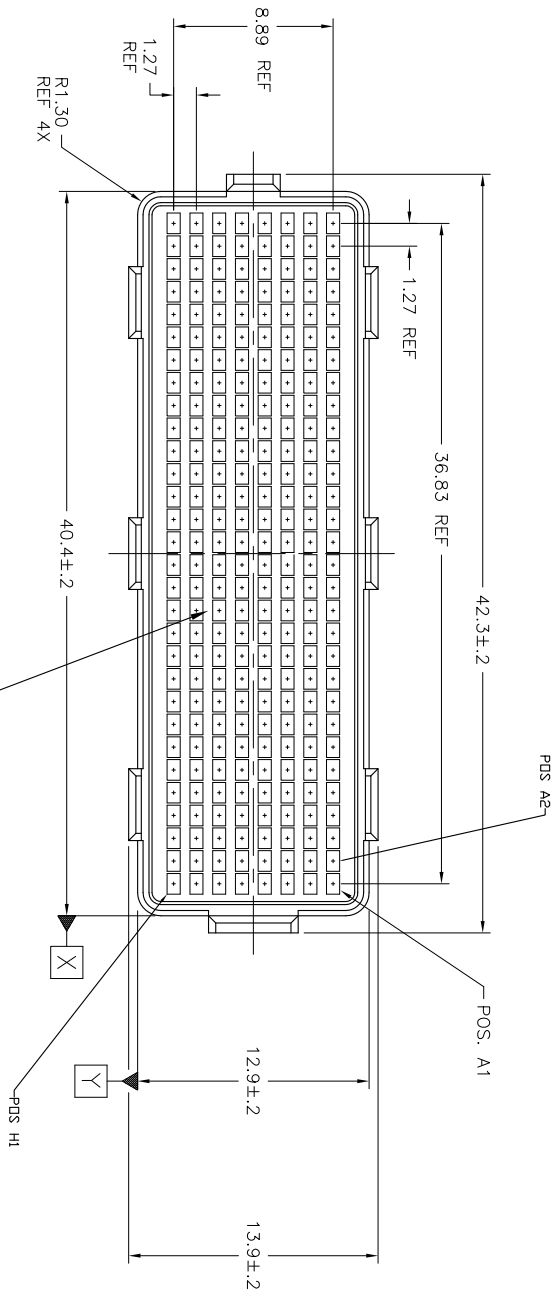
PRODUCT NUMBER

SEE SHEET 3

1 2

3

4



| mat'l. code |          |                     |            | surface    |            | tolerance                             |            | projection |                   | product family |           |
|-------------|----------|---------------------|------------|------------|------------|---------------------------------------|------------|------------|-------------------|----------------|-----------|
| lfr         | ecp no   | dr                  | date       | ASME Y14.5 | ASME Y14.5 | tolerances unless otherwise specified | ASME Y14.5 | projection | title             | product family | MEG-Array |
| M           | V06-0560 | LP                  | 2006/06/22 | angles     | 90         | X ±.3                                 | MM         | MM         | 4mm RECEPT. ASSY. | MEG-Array      |           |
| N           | V-13467  | DOCH012-11-1P       |            | XX ±.0     |            |                                       |            |            | 8 X 30 = 240 POS. | MEG-Array      |           |
| P           | V-16678  | DOCH 2014-1-70' ±2' |            | XXX ±.050  |            |                                       |            |            |                   | MEG-Array      |           |
| R           | V-17551  | DOCH014-04-2dfr     |            | DWAUGHEN   | 11.12.97   |                                       |            |            |                   | MEG-Array      |           |
| S           | V-20116  | RWB 2015-1-28 engr  |            | TLEMK      | 11.12.97   |                                       |            |            |                   | MEG-Array      |           |
| L           | V04-0940 | VS 10/18/04 appd    |            | TLEMK      | 11.12.97   |                                       |            |            |                   | MEG-Array      |           |
| sheet       | revision | S                   | S          | S          | S          |                                       |            |            |                   |                |           |
| index       | sheet    | 1                   | 2          | 3          |            |                                       |            |            |                   |                |           |

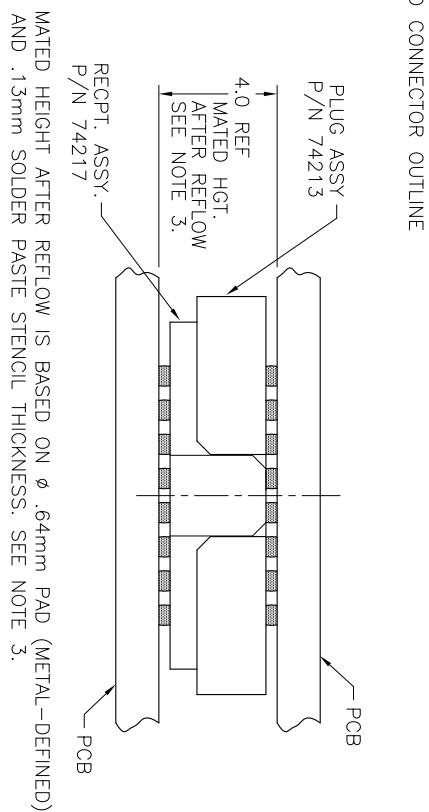
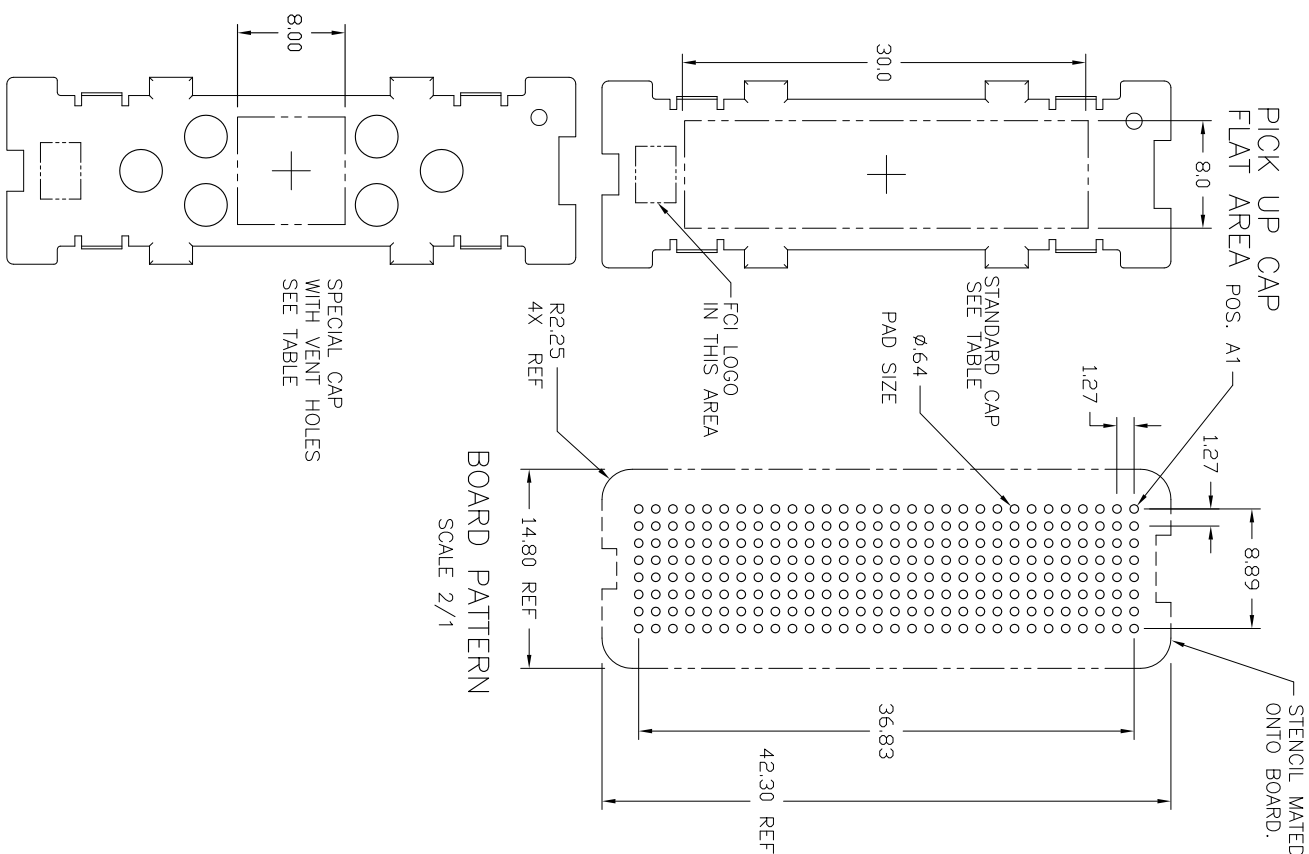
form: A4mmXLC

1

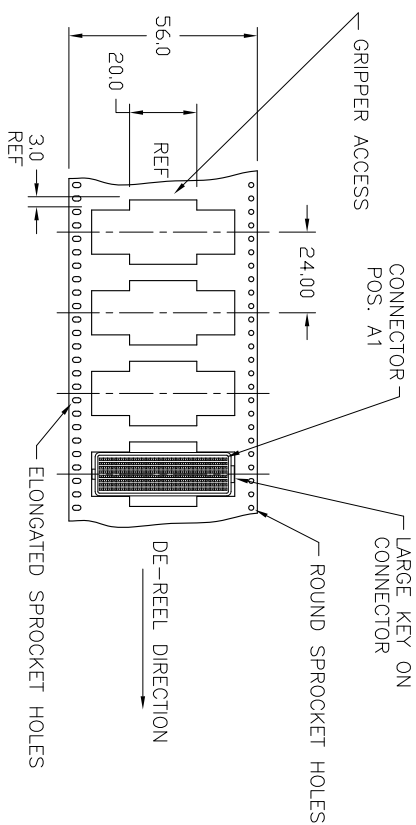
2

3

4



END VIEW - MATED CONNECTORS



TAPE & REEL PACKAGING SCALE NONE  
PER EIA 481-3

|             |        |            |      |                                       |           |                                                                                     |  |                  |  |
|-------------|--------|------------|------|---------------------------------------|-----------|-------------------------------------------------------------------------------------|--|------------------|--|
| 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            |  |
| S           |        |            |      | angles                                | X ±3      | MM                                                                                  |  | 4mm RECP.T. ASSY |  |
|             |        |            |      | holes                                 | .XX ±.10  | ↔                                                                                   |  | 8 X 30 = 240POS. |  |
|             |        |            |      | 0" ±.21                               | XXX ±.050 | scale 1:1                                                                           |  | dwg no           |  |
|             |        |            |      | dr                                    | D.WAUGHEN |                                                                                     |  | sheet 2 of 3     |  |
|             |        |            |      | ENGR                                  | T.LEMKE   |                                                                                     |  | 74217            |  |
|             |        |            |      | CHK                                   | T.LEMKE   |                                                                                     |  | A4               |  |
|             |        |            |      | apprd                                 | T.LEMKE   |                                                                                     |  | CUSTOMER Drawing |  |
| sheet       |        | revision   |      |                                       |           |                                                                                     |  |                  |  |
| index       |        | sheet      |      |                                       |           |                                                                                     |  |                  |  |



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| PRODUCT NUMBER | NOTES | CONTACT PLATING          | SOLDER BALL      | CAP STYLE               |
|----------------|-------|--------------------------|------------------|-------------------------|
| 74217-001      |       | 15u" (.38um) Au OVER Ni  | SnPb             | STANDARD                |
| 74217-001LF    | 5 6   |                          | SnAgCu LEAD FREE | STANDARD                |
| 74217-091      |       | 15u" (.38um) GXT OVER Ni | SnPb             | STANDARD                |
| 74217-091LF    | 5 6   |                          | SnAgCu LEAD FREE | STANDARD                |
| 74217-093      |       | 15u" (.38um) GXT OVER Ni | SnPb             | SPECIAL WITH VENT HOLES |
| 74217-093LF    | 5 6   |                          | SnAgCu LEAD FREE | SPECIAL WITH VENT HOLES |
| 74217-093BF    | 8     |                          | SnPb             | SPECIAL WITH VENT HOLES |
| 74217-093BLF   | 5 6 8 | 15u" (.38um) GXT OVER Ni | SnAgCu LEAD FREE | SPECIAL WITH VENT HOLES |
| 74217-101      |       | 30u" (.76um) Au OVER Ni  | SnPb             | STANDARD                |
| 74217-101LF    | 5 6   |                          | SnAgCu LEAD FREE | STANDARD                |
| 74217-191      |       | 30u" (.76um) GXT OVER Ni | SnPb             | STANDARD                |
| 74217-191LF    | 5 6   |                          | SnAgCu LEAD FREE | STANDARD                |
| 74217-201      |       | SEE NOTE 4.              | SnPb             | STANDARD                |
| 74217-201LF    | 5 6   |                          | SnAgCu LEAD FREE | STANDARD                |
| 74217-291      |       | SEE NOTE 4.              | SnPb             | STANDARD                |
| 74217-291LF    | 5 6   |                          | SnAgCu LEAD FREE | STANDARD                |

NOTES:

1. MAT'L:

HOUSING: LCP

CONTACT: COPPER ALLOY

PLATING

CONTACT: (SEE TABLE ON SHEET1)

SOLDER BALL: (SEE TABLE ON SHEET1)

EUTECTIC SnPb OR LEAD FREE

95.5Sn/44g/0.5Cu

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. VISIBLE KNT LINES ANYWHERE ON THE FLOOR OF THE HOUSING ARE PERMITTED. OPEN KNT LINES ANYWHERE ARE NOT PERMITTED.

8. FOR THESE DASH NUMBERS, PRODUCT IS BERYLLIUM FREE.

- SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.
- MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.
- PLATING FOR -2XX SERIES DASH NOS. MEETS THE REQUIREMENTS OF CENTRAL OFFICE ENVIRONMENT, (25 YEAR LIFE EXPECTANCY).
- 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

| mat'l code |          | SEE NOTE 1 |      | surface    |                   | tolerance                             |  | projection |  | product family  |              |
|------------|----------|------------|------|------------|-------------------|---------------------------------------|--|------------|--|-----------------|--------------|
| lit        | ecn no   | dr         | date | ASME Y14.5 | ASME Y14.5        | tolerances unless otherwise specified |  |            |  | title           | MEG-Arroy    |
| S          |          |            |      | angles     | X ±.3             |                                       |  | MM         |  | 4mm RECPT. ASSY |              |
|            |          |            |      | dr         | XX ±.0            |                                       |  |            |  | 8 X 30 = 24POS. |              |
|            |          |            |      | dr         | XXX ±.050         |                                       |  | scale 1:1  |  |                 |              |
|            |          |            |      | dr         | DWAUGHEN 11.12.97 |                                       |  |            |  | dwg no          | sheet 3 of 3 |
|            |          |            |      | engr       | T.LEMKE 11.12.97  |                                       |  |            |  | 74217           | size         |
|            |          |            |      | chr        | T.LEMKE 11.12.97  |                                       |  |            |  |                 | A4           |
|            |          |            |      | appt       | T.LEMKE 11.12.97  |                                       |  |            |  |                 |              |
| sheet      | revision |            |      |            |                   |                                       |  |            |  |                 |              |
| index      | sheet    |            |      |            |                   |                                       |  |            |  |                 |              |

# Mouser Electronics

Authorized Distributor

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[74217-101LF](#) [74217-001LF](#) [74217-101](#) [74217-201](#) [74217-001](#) [74217-201LF](#) [74217-191LF](#) [74217-091](#) [74217-091LF](#) [74217-191](#) [74217-291LF](#) [74217-093BLF](#)