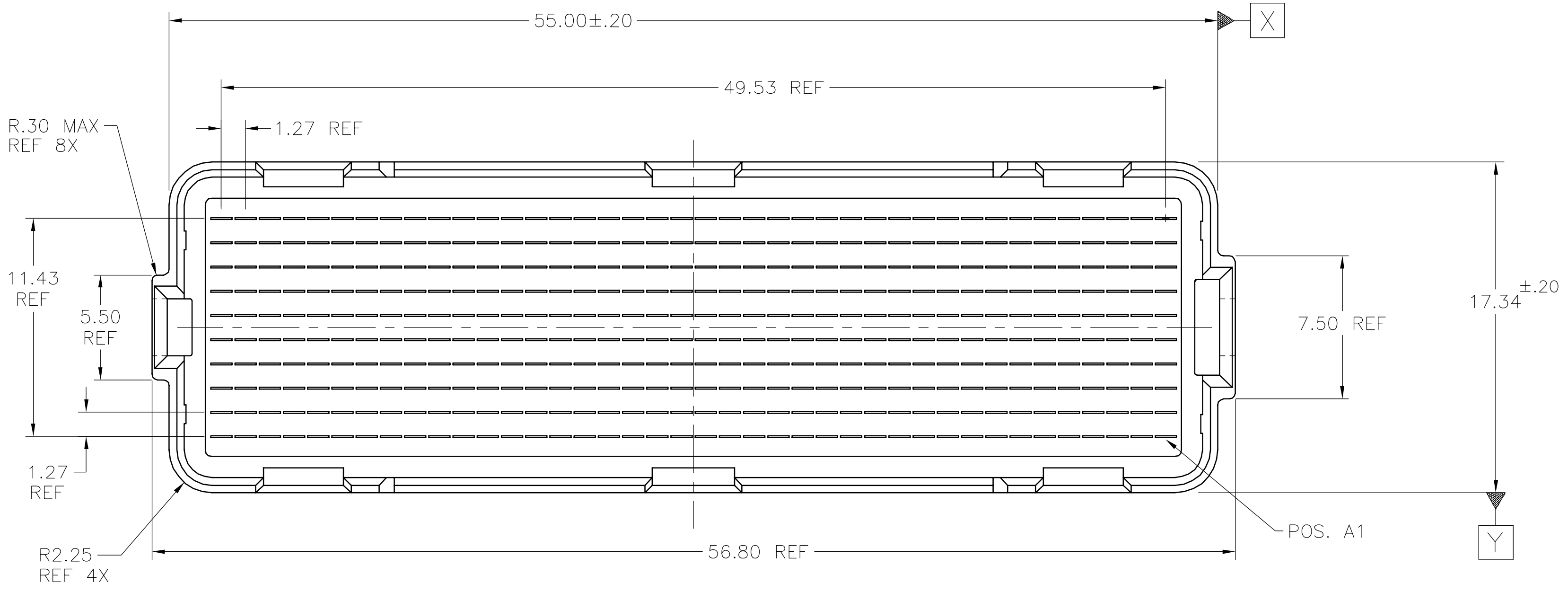
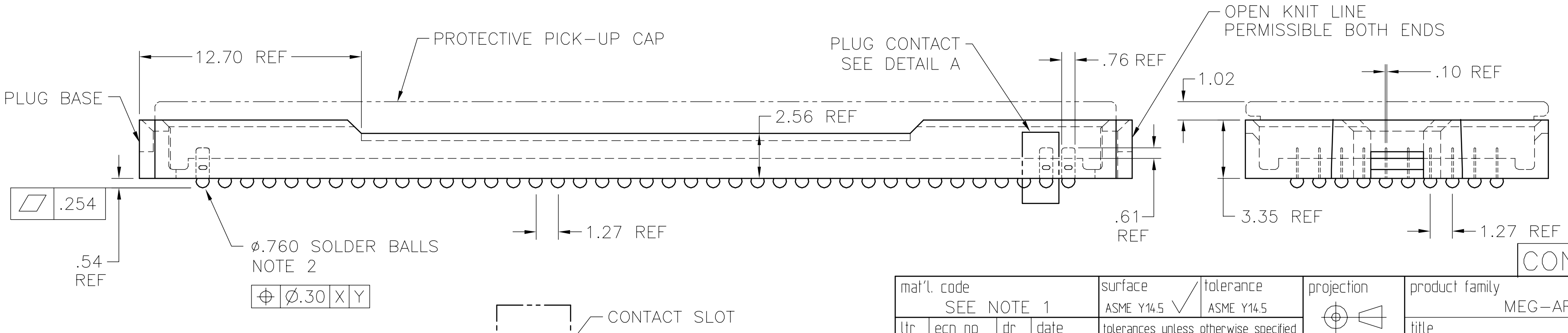
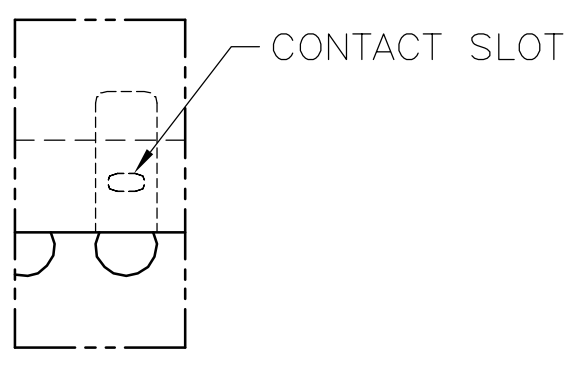
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| PRODUCT NUMBER |
|---|
| SEE TABLE |




DETAIL A
SCALE 6:1

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| mat'l. code | surface | tolerance | projection | product family |
|---|---|---|---|---|
| SEE NOTE 1 | ASME Y14.5 | ASME Y14.5 | | MEG-ARRAY |

| ltr | ecn no | dr | date |
|---|---|---|---|
| A | V05-0324 | DAI | 04/19/05 |
| B | V06-0560 | LP | 2006/07/18 |
| C | V08-0084 | LP | 2008-03-18 |

tolerances unless otherwise specified: angles 0° ±2°; linear .X ±.3, .XX ±.13, .XXX ±.051; mm; scale 3:1

| | | |
|---|---|---|
| dr | D.INGRAM | 8/24/04 |
| engr | D.HARPER | 8/24/04 |
| chr | D.HARPER | 8/24/04 |
| appd | D.HARPER | 8/24/04 |

title: 0mm PLUG ASSY
10 x 40 = 400 POS.

| dwg no | sheet | size |
|---|---|---|
| 10043857 | 1 of 3 | A4 |

type: CUSTOMER Drawing

| sheet | revision | C | C | C |
|---|---|---|---|---|
| index | sheet | 1 | 2 | 3 |



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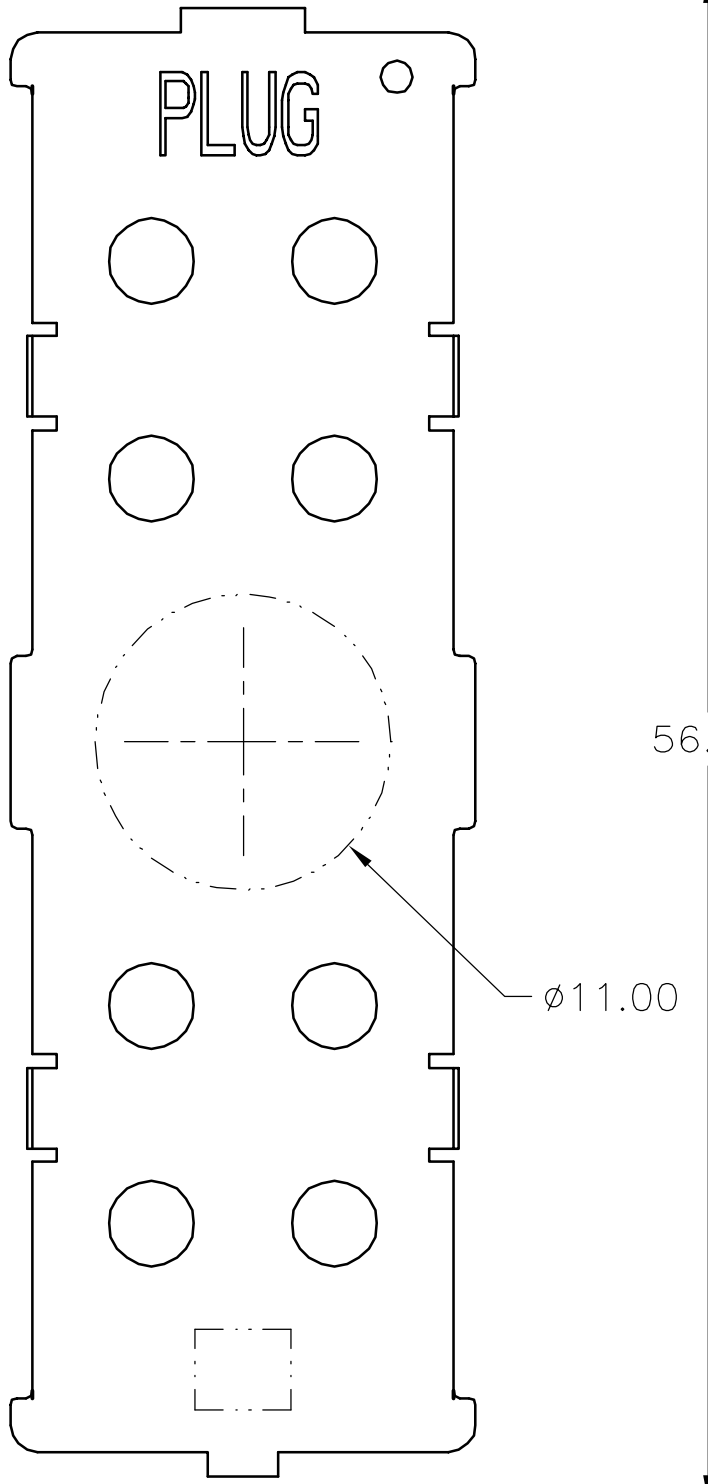
eDOC - PDM: Rev:C STATUS: Released Printed: Jan 10, 2011

PDS: Rev :C STATUS: Released Printed: May 25, 2022

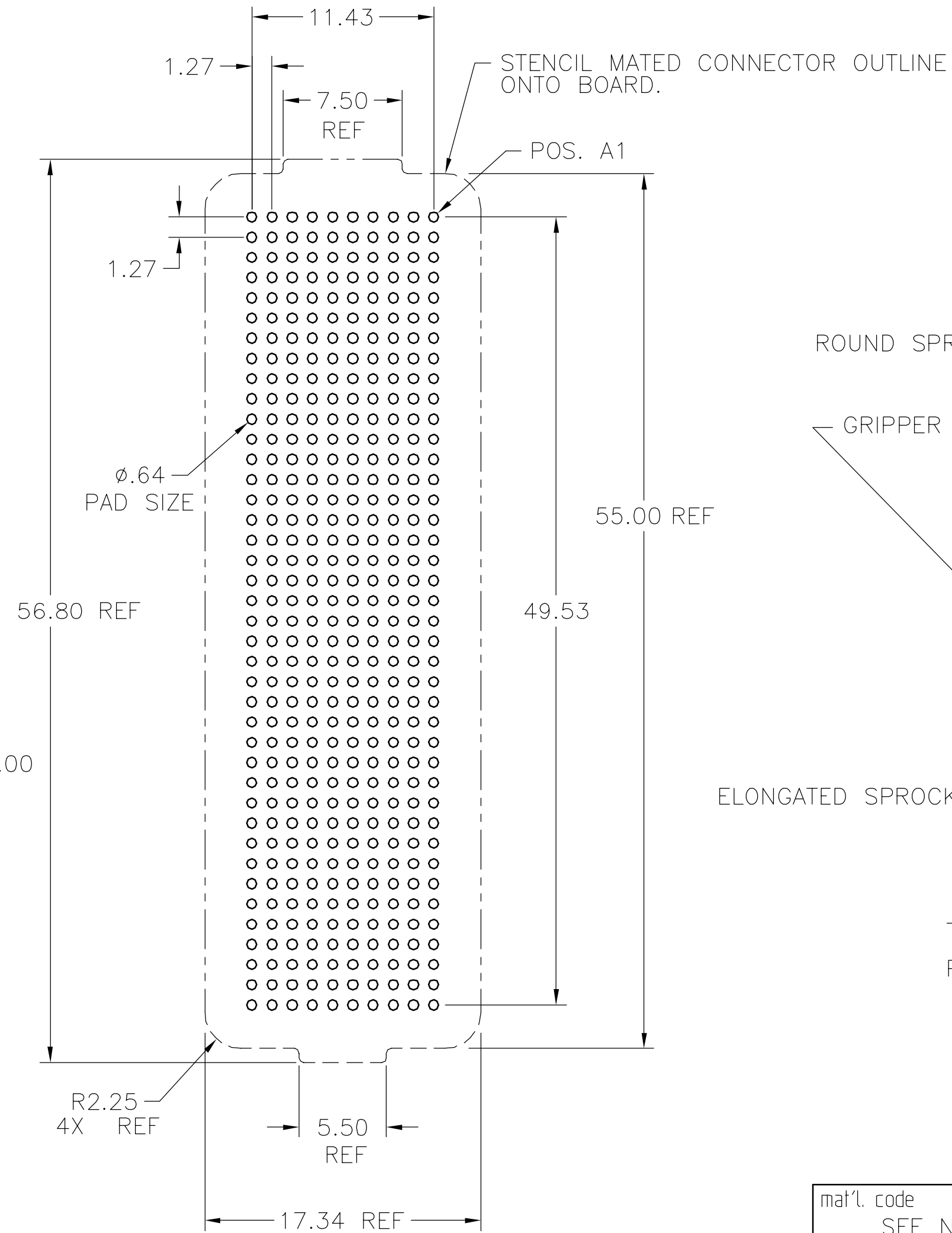
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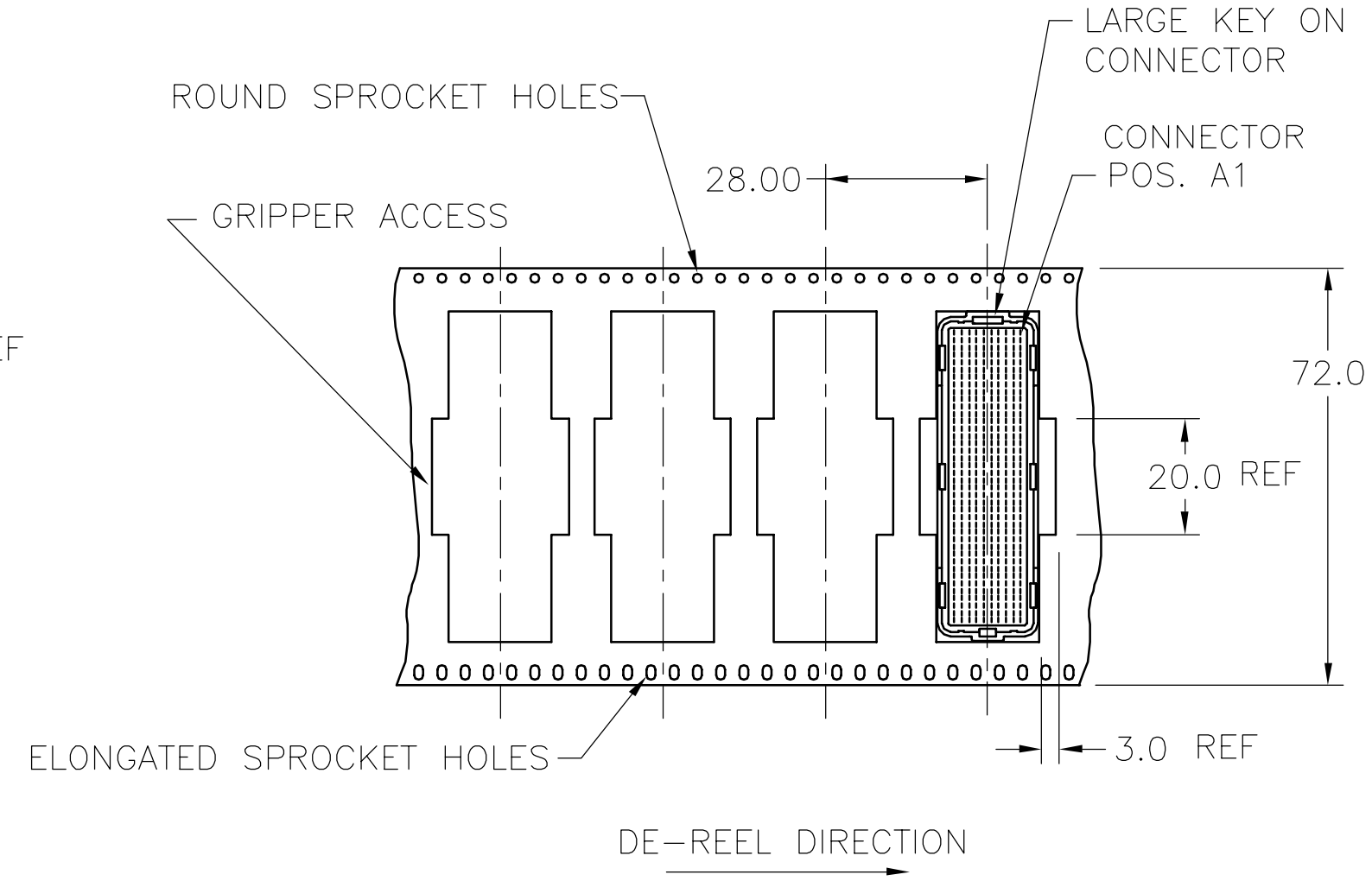
PRODUCT NUMBER
SEE TABLE




VACUUM AREA
FOR
PICK UP CAP




BOARD PATTERN
SCALE 2/1




TAPE & REEL PACKAGING SCALE NONE
PER EIA 481-3

CONFIDENTIAL

| | | | |
|---|---|---|---|
| mat'l. code: SEE NOTE 1 | surface: ASME Y14.5 √ / tolerance: ASME Y14.5 | projection | product family: MEG-ARRAY |
| ltr: C / ecn no / dr / date | tolerances unless otherwise specified: angles 0° ±2°; linear .X ±.3, .XX ±.13, .XXX ±.051 | mm; scale 2:1 | title: 0mm PLUG ASSY. 10x40= 400 POS. |
| | dr D.INGRAM 8/24/04; engr D.HARPER 8/24/04; chr D.HARPER 8/24/04; appd D.HARPER 8/24/04 | FCI | dwg no 10043857; sheet 2 of; size A4; type CUSTOMER Drawing |
| sheet index / revision sheet | | | |

form: A4mmXLc

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| PRODUCT NUMBER | PICK-UP CAP | CONTACT PLATING | SOLDER BALL |
|---|---|---|---|
| 10043857-102 | YES | 30u"(0.76um) Au OVER Ni | SnPb |
| 10043857-102LF | | | SnAgCu LEAD FREE ⑥⑦ |
| 10043857-202 | YES | SEE MATED HEIGHT TABLE (BELOW) | SnPb |
| 10043857-202LF | | | SnAgCu LEAD FREE ⑥⑦ |

NOTES:

1. MAT'L:
   HOUSING: LCP
   CONTACT: COPPER ALLOY

   PLATING:
   CONTACT: (SEE TABLE ON SHEET3)
   SOLDER BALL: (SEE TABLE ON SHEET3)
   EUTECTIC SnPb OR LEAD FREE
   95.5Sn/4Ag/0.5Cu

2. SOLDER BALLS WILL NOT BE PERFECT SPHERICAL SHAPE DUE TO REFLOW ATTACHMENT.

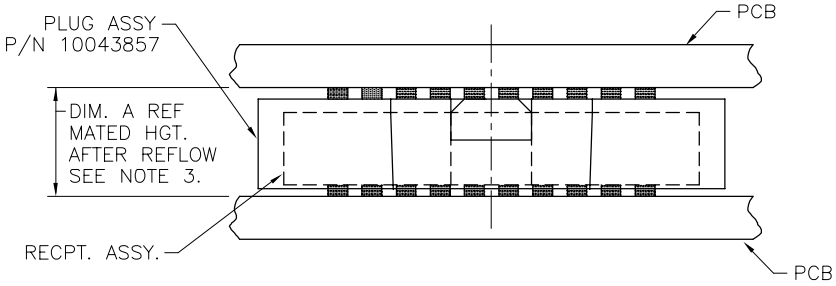
3. MATED HEIGHT EFFECTED BY CUSTOMER'S PCB PAD SIZE, PLATING, SOLDER REFLOW PROFILE, & SOLDER PASTE.

4. PLATING FOR INDICATED -2XX SERIES PART NOS. MEETS THE REQUIREMENTS OF NORTEL NPS25298-2 (CENTRAL OFFICE ENVIRONMENT, 25 YEAR LIFE EXPECTANCY).

5. PLATING FOR INDICATED -2XX SERIES PART NOS. IS Au OVER Ni WITH SPECIAL CONTACT GEOMETRY TO MEET REQUIREMENTS OF TELCORDIA GR-1217-CORE: CENTRAL OFFICE ENVIRONMENT.

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 THERFORE 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-22-008 PRODUCT MEETING THIS DIRECTIVE IS IDENTIFIED IN THE LOT CODE NUMBER MARKED ON EACH PART BY HAVING AN "X" IN THE SEVENTH CHARACTER POSITION




| MATED HEIGHT TABLE | | |
|---|---|---|
| DIM. A | RECPT. ASSY. P/N | -2XX PLATING |
| 4.0 | 74221 | SEE NOTE 4 |
| 6.0 | 74388 | SEE NOTE 5 |
| 8.0 | 74390 | SEE NOTE 5 |

MATED HEIGHT AFTER REFLOW IS BASED ON ø .64mm PAD (METAL-DEFINED) AND .13mm SOLDER PASTE STENCIL THICKNESS. SEE NOTE 3.

END VIEW – MATED CONNECTORS SCALE NONE

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| | | | |
|---|---|---|---|
| mat'l. code: SEE NOTE 1 | surface: ASME Y14.5 | tolerance: ASME Y14.5 | projection |
| ltr / ecn no / dr / date: C | tolerances unless otherwise specified: angles 0° ±2°; linear .X ±.3, .XX ±.13, .XXX ±.051 | | mm |
| | dr D.INGRAM 8/24/04 | | scale 2:1 |
| | engr D.HARPER 8/24/04 | | |
| | chr D.HARPER 8/24/04 | | |
| | appd D.HARPER 8/24/04 | | |
| sheet index / revision sheet | | | |

| | |
|---|---|
| product family | MEG-ARRAY |
| title | 0mm PLUG ASSY. 10x40= 400 POS. |
| dwg no | 10043857 |
| sheet | 3 of |
| size | A4 |
| type | CUSTOMER Drawing |

form: A4mmXLc

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