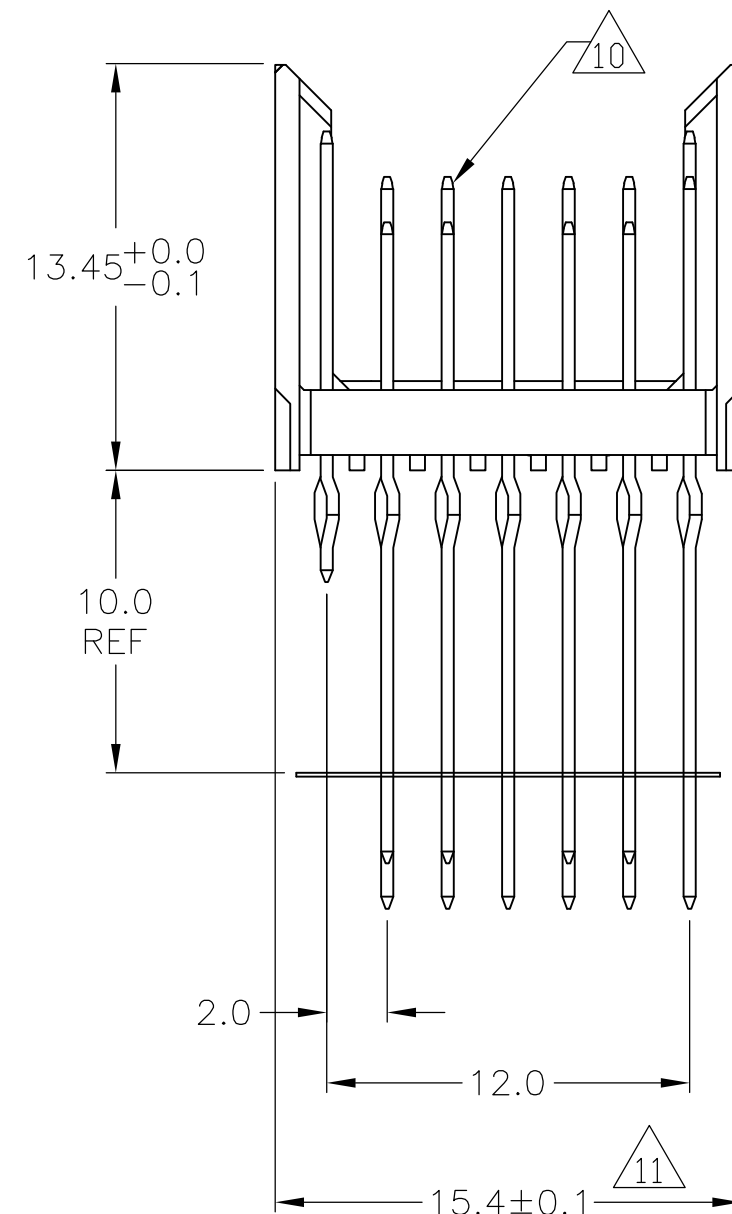
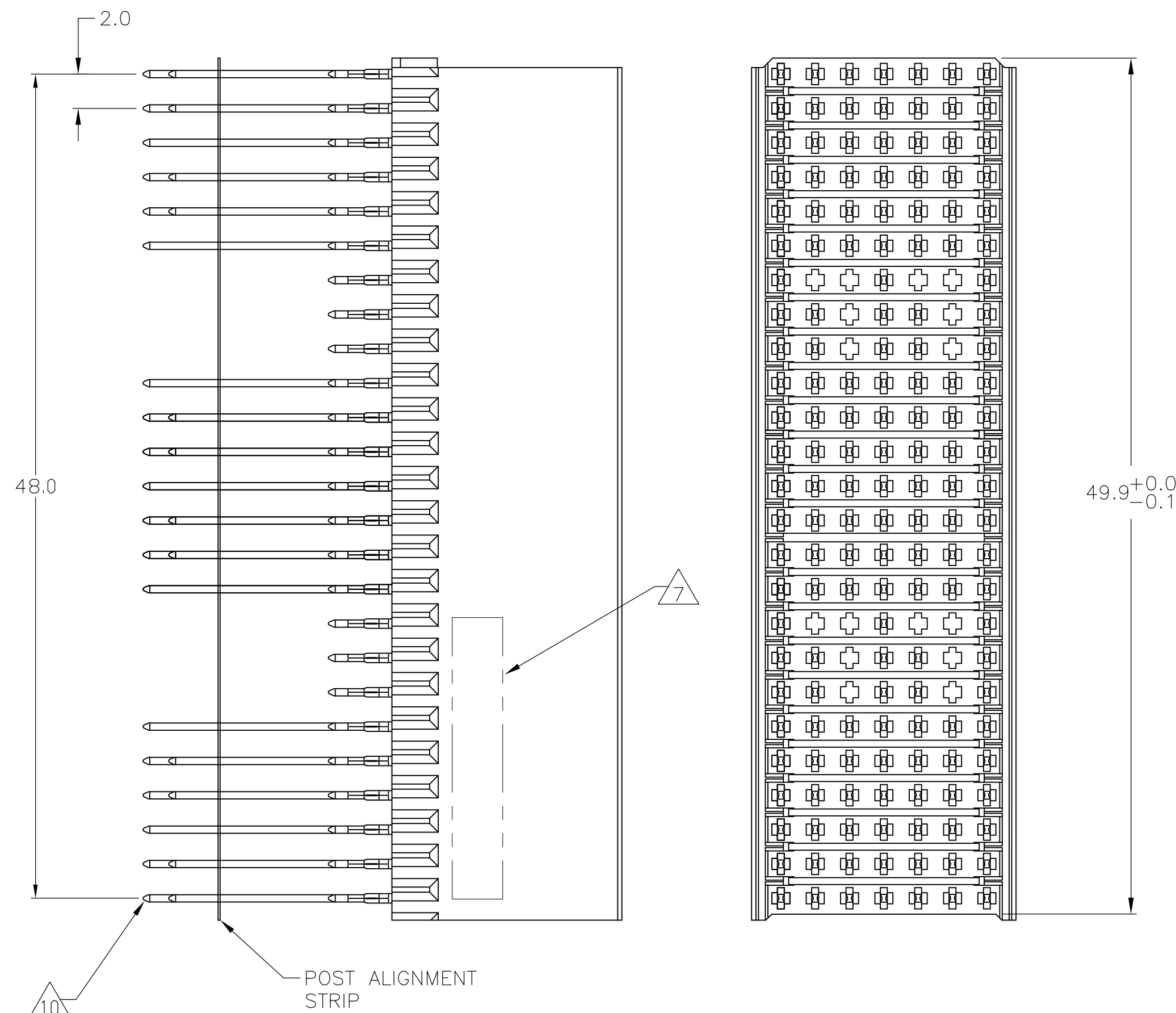


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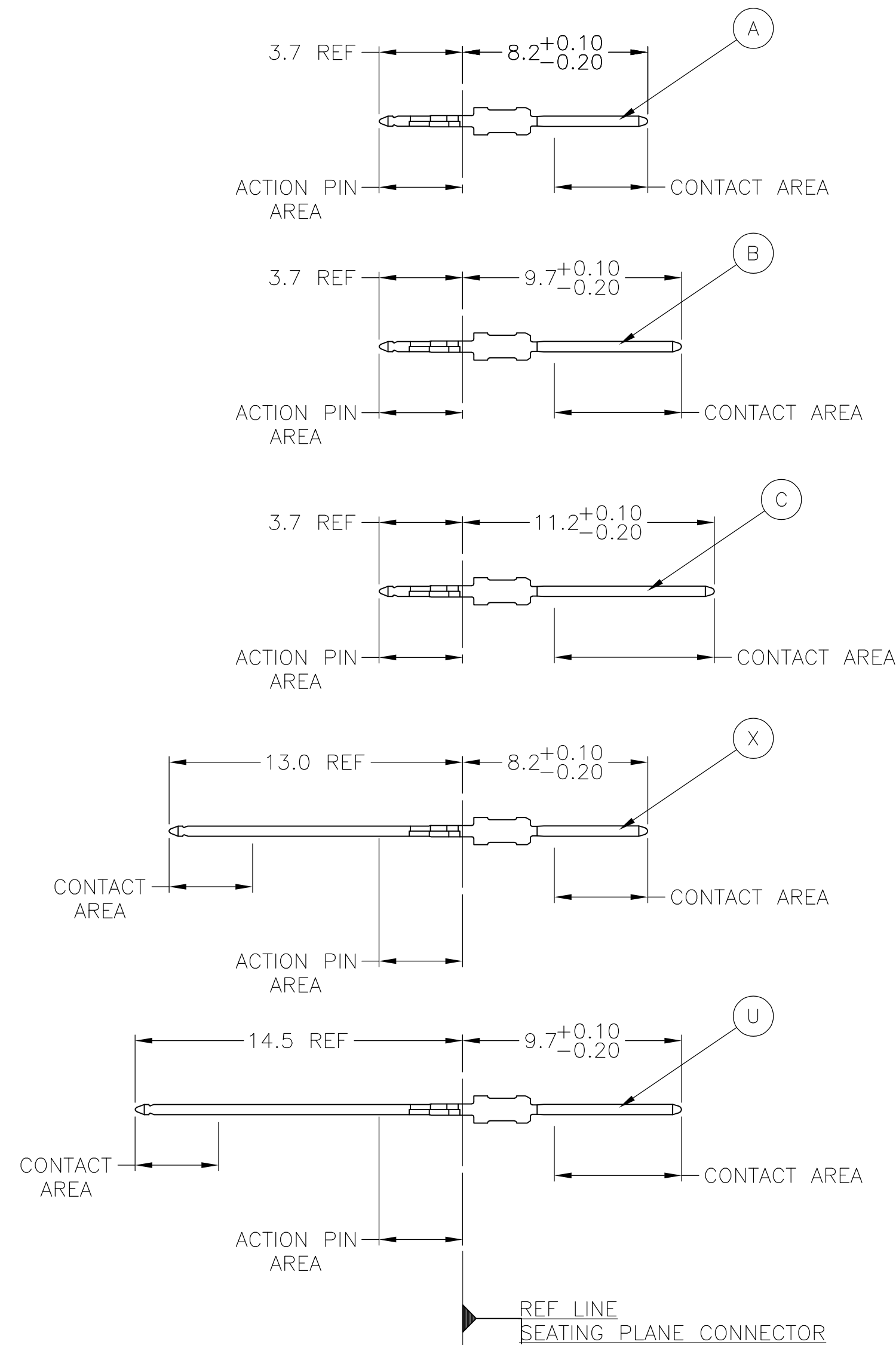
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CONNECTOR ASSEMBLY  
EXEMPLARY LOADED  $\triangle_9$



## CONTACT DIMENSIONS

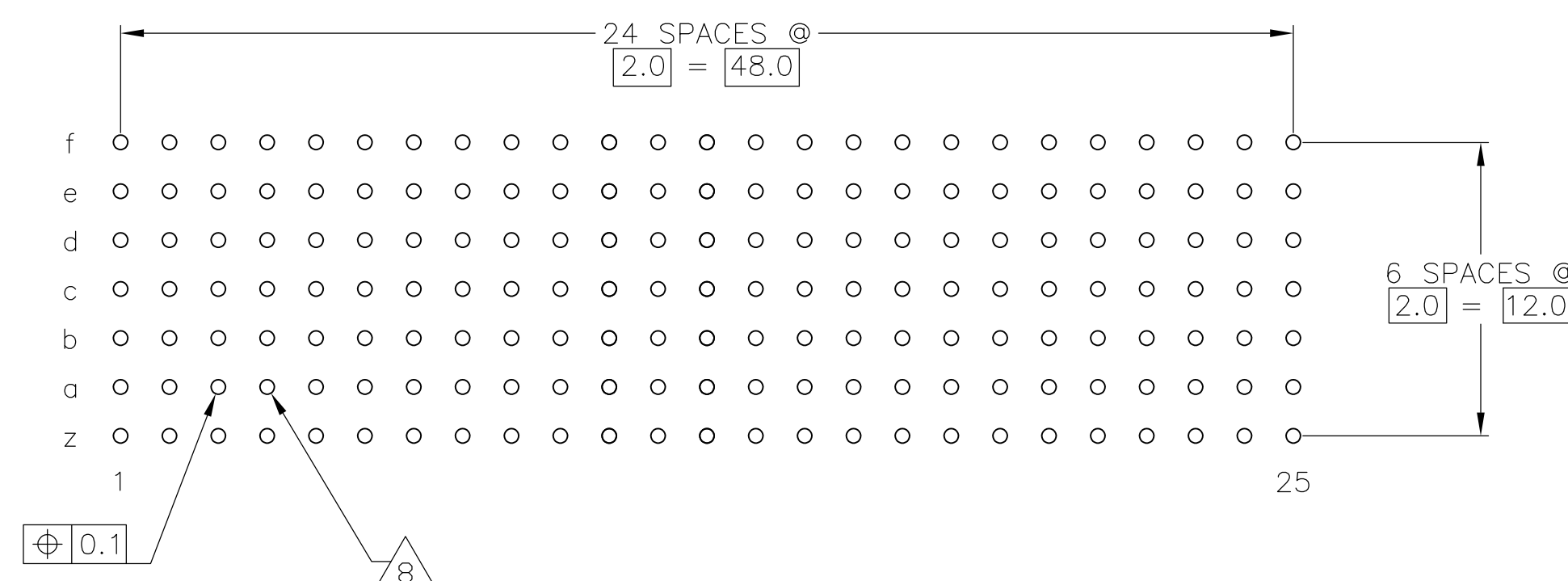
SCALE 5:1



## CONTACT LAYOUT

|    | z | a | b | c | d | e | f |
|----|---|---|---|---|---|---|---|
| 1  | C | X | X | U | X | X | U |
| 2  | C | X | X | U | X | X | U |
| 3  | C | U | U | U | U | U | U |
| 4  | C | X | X | U | X | X | U |
| 5  | C | X | X | U | X | X | U |
| 6  | C | U | U | U | U | U | U |
| 7  | C |   |   | B |   |   | C |
| 8  | C | A |   | B | A |   | C |
| 9  | C | A |   | B | A |   | C |
| 10 | C | U | U | U | U | U | U |
| 11 | C | X | X | U | X | X | U |
| 12 | C | X | X | U | X | X | U |
| 13 | C | U | U | U | U | U | U |
| 14 | C | X | X | U | X | X | U |
| 15 | C | X | X | U | X | X | U |
| 16 | C | U | U | U | U | U | U |
| 17 | C |   |   | B |   |   | C |
| 18 | C | A |   | B | A |   | C |
| 19 | C | A |   | B | A |   | C |
| 20 | C | U | U | U | U | U | U |
| 21 | C | X | X | U | X | X | U |
| 22 | C | X | X | U | X | X | U |
| 23 | C | U | U | U | U | U | U |
| 24 | C | X | X | U | X | X | U |
| 25 | C | X | X | U | X | X | U |

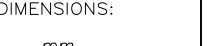
**RECOMMENDED** PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN



## PLATED THRU HOLES PARAMETERS

## REFERENCE APPLICATION SPECIFICATION

|          |                                                                                       |                                                                                       |                                                                                       |                |
|----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|
|          |  |  |  | 1-352627-9     |
|          |  |  |  | 352627-9       |
|          |  |  |                                                                                       | 352627-4       |
| OBsolete |  |  |                                                                                       | 352627-1       |
|          | FINISH                                                                                |                                                                                       |                                                                                       | PART<br>NUMBER |

|                                                                                       |  |                                                                                                    |  |                                                                                                                                                 |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | OWN<br>B. CARBO<br>27JUL05                                                                         |  |  Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |  |
|                                                                                       |  | CHK<br>G. SKIPPER<br>27JUL05                                                                       |  |                                                                                                                                                 |  |
|                                                                                       |  | APPROV<br>G. SKIPPER<br>27JUL05                                                                    |  |                                                                                                                                                 |  |
| DIMENSIONS:                                                                           |  | TOLERANCES, UNLESS OTHERWISE SPECIFIED:                                                            |  | NAME                                                                                                                                            |  |
| mm                                                                                    |  |                                                                                                    |  | MALE ASSEMBLY, Z-PACK 2mm HM,<br>TYPE B                                                                                                         |  |
|  |  | $\pm 0.2$<br> |  | PRODUCT SPEC                                                                                                                                    |  |
|                                                                                       |  | 108-19082                                                                                          |  |                                                                                                                                                 |  |
|                                                                                       |  | APPLICATION SPEC                                                                                   |  |                                                                                                                                                 |  |
|                                                                                       |  | 114-19029                                                                                          |  |                                                                                                                                                 |  |
| MATERIAL                                                                              |  | WEIGHT                                                                                             |  | SIZE                                                                                                                                            |  |
|  |  | -                                                                                                  |  | CAGE CODE                                                                                                                                       |  |
| SEE TABLE                                                                             |  |                                                                                                    |  | DRAWING NO                                                                                                                                      |  |
|                                                                                       |  | CUSTOMER DRAWING                                                                                   |  | A1 00779                                                                                                                                        |  |
|                                                                                       |  |                                                                                                    |  | C=352627                                                                                                                                        |  |
|                                                                                       |  |                                                                                                    |  | SCALE                                                                                                                                           |  |
|                                                                                       |  |                                                                                                    |  | 4:1                                                                                                                                             |  |
|                                                                                       |  |                                                                                                    |  | SHEET 1 OF 2                                                                                                                                    |  |
|                                                                                       |  |                                                                                                    |  | REV                                                                                                                                             |  |

87654321

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LOCAD

DIST00

| REVISONS |     |             |      |     |      |
|----------|-----|-------------|------|-----|------|
| P        | LTR | DESCRIPTION | DATE | DWN | APVD |
| —        | —   | SEE SHEET 1 | —    | —   | —    |

1

MATERIAL:  
CONTACT: PHOSPHOR BRONZE.  
HOUSING: GLASS-FILLED POLYESTER.

2

GENERAL PLATING SPECIFICATION: UNDERPLATING  
(ENTIRE CONTACT): 1.27μm MIN NICKEL AND ACTION  
PIN: 0.5μm MIN TIN/LEAD.  
FOR PLATING OF MATING SURFACES SEE APPLICABLE  
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.

3

CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 2.

4

CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 1.

5

CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
CENTRAL OFFICE APPLICATIONS.

6

CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
UNCONTROLLED ENVIROMENT APPLICATIONS.

7

CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.  
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,  
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.

8

PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID  
PATTERN DEFINED BY CONTACT LAYOUT.

9

FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".

10

FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".

11

TO BE MEASURED AT BOTTOM OF SHROUD.

12

CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
B CARBO  
CHK  
G SKIPPER  
APVD  
G SKIPPER

27JUL05  
27JUL05  
27JUL05

DIMENSIONS:  
mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±

±

±

±

±

±

±0.1

±0.2

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±0.2

MATERIAL  
SEE SHEET 1

FINISH  
SEE SHEET 1

WEIGHT  
—

APPLIC  
G SKIPPER  
PRODUCT SPEC  
108-19082  
APPLICATION SPEC  
114-19029

27JUL05

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
352627

RESTRICTED TO  
—

CUSTOMER DRAWING

SCALE  
4:1

SHEET  
2

OF  
2

REV  
F

Tyco  
Electronics

Tyco Electronics Corporation  
Harrisburg, Pa 17105-3608

NAME  
MALE ASSEMBLY, Z-PACK 2mm HM,  
TYPE B

AMP 4805 REV 31MAR2000