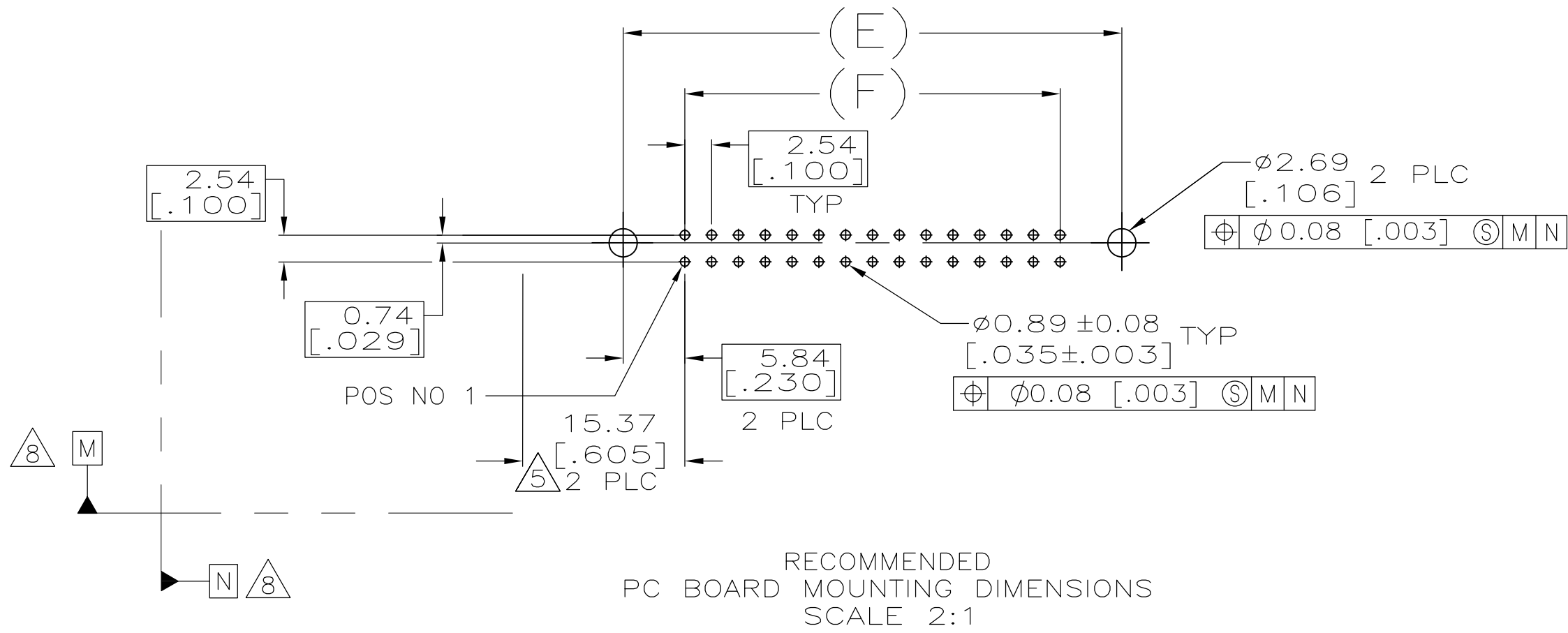
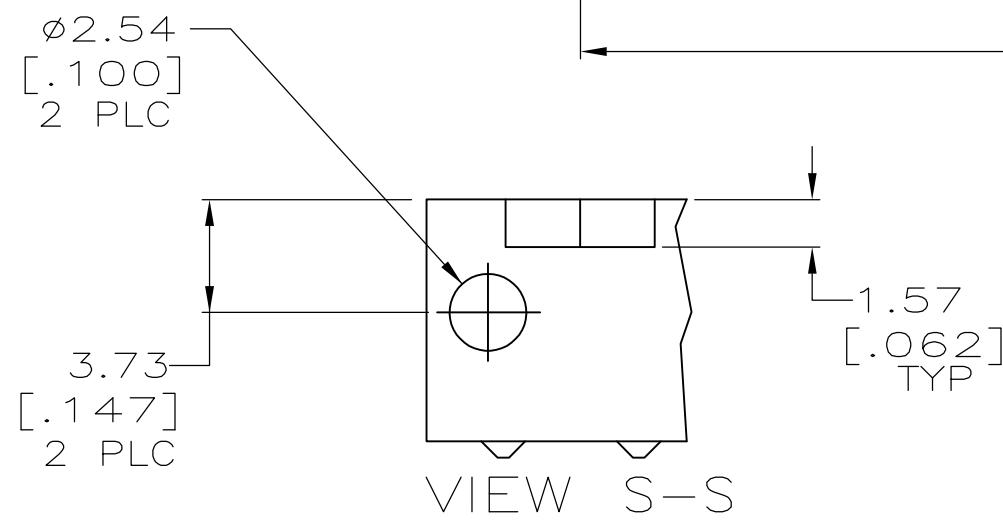
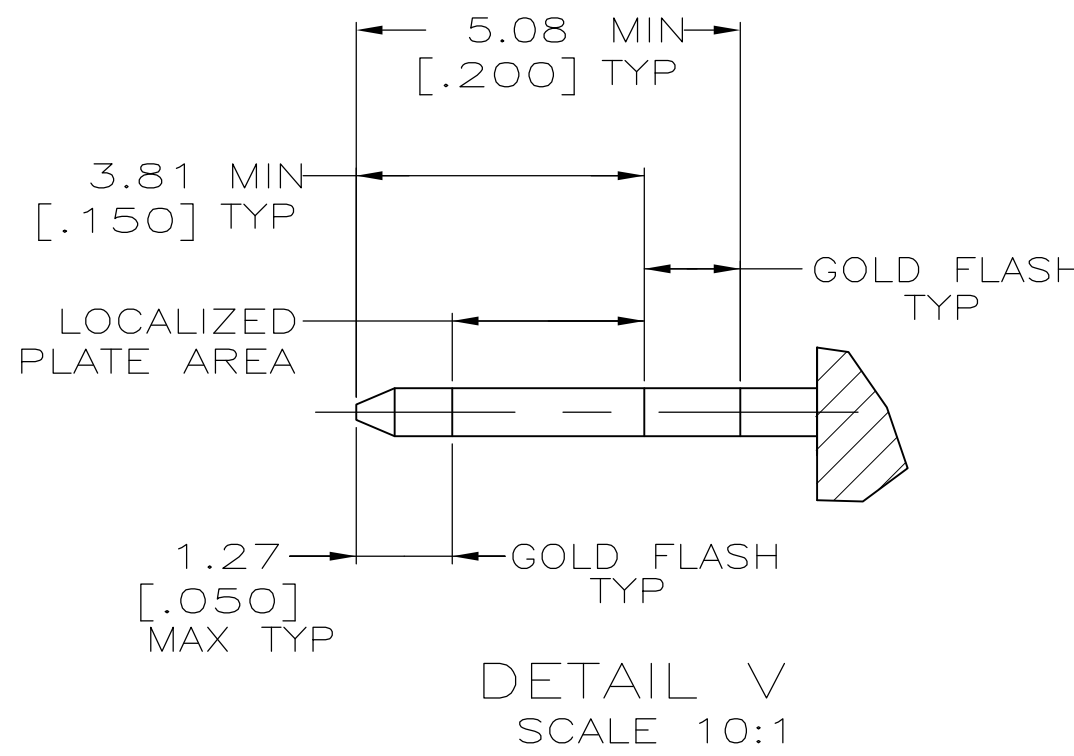
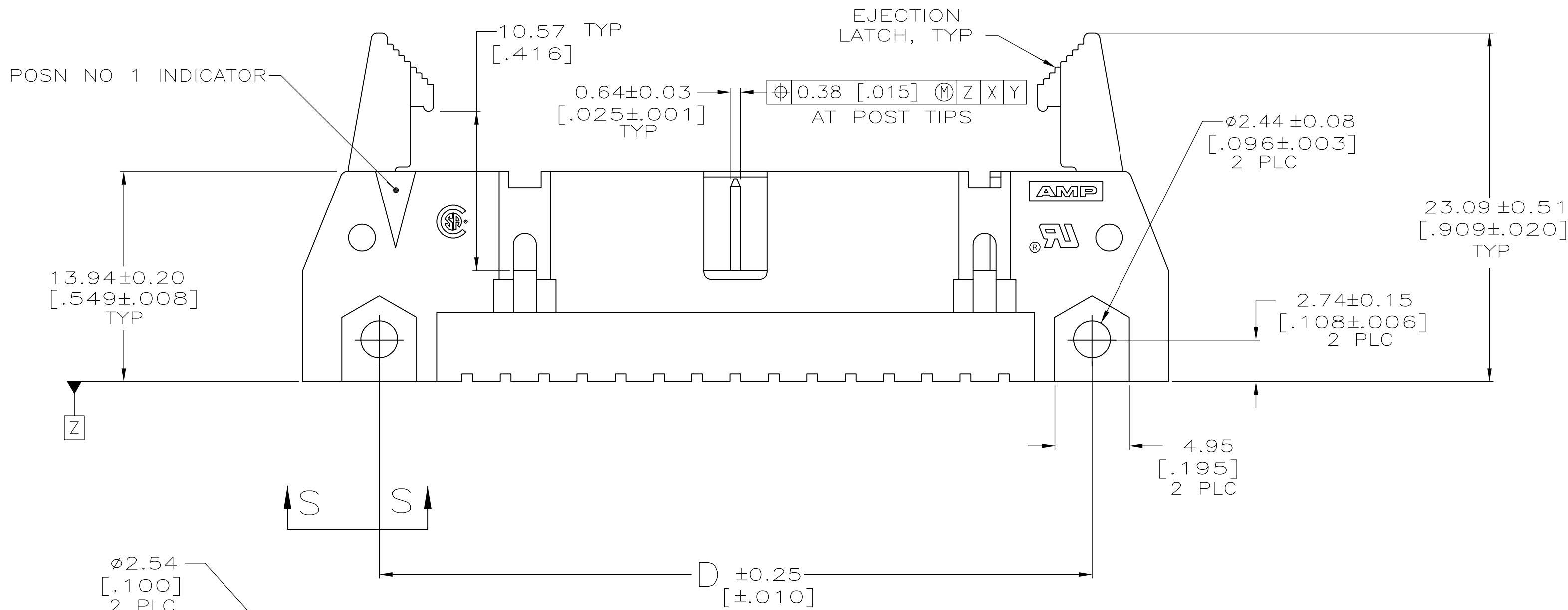
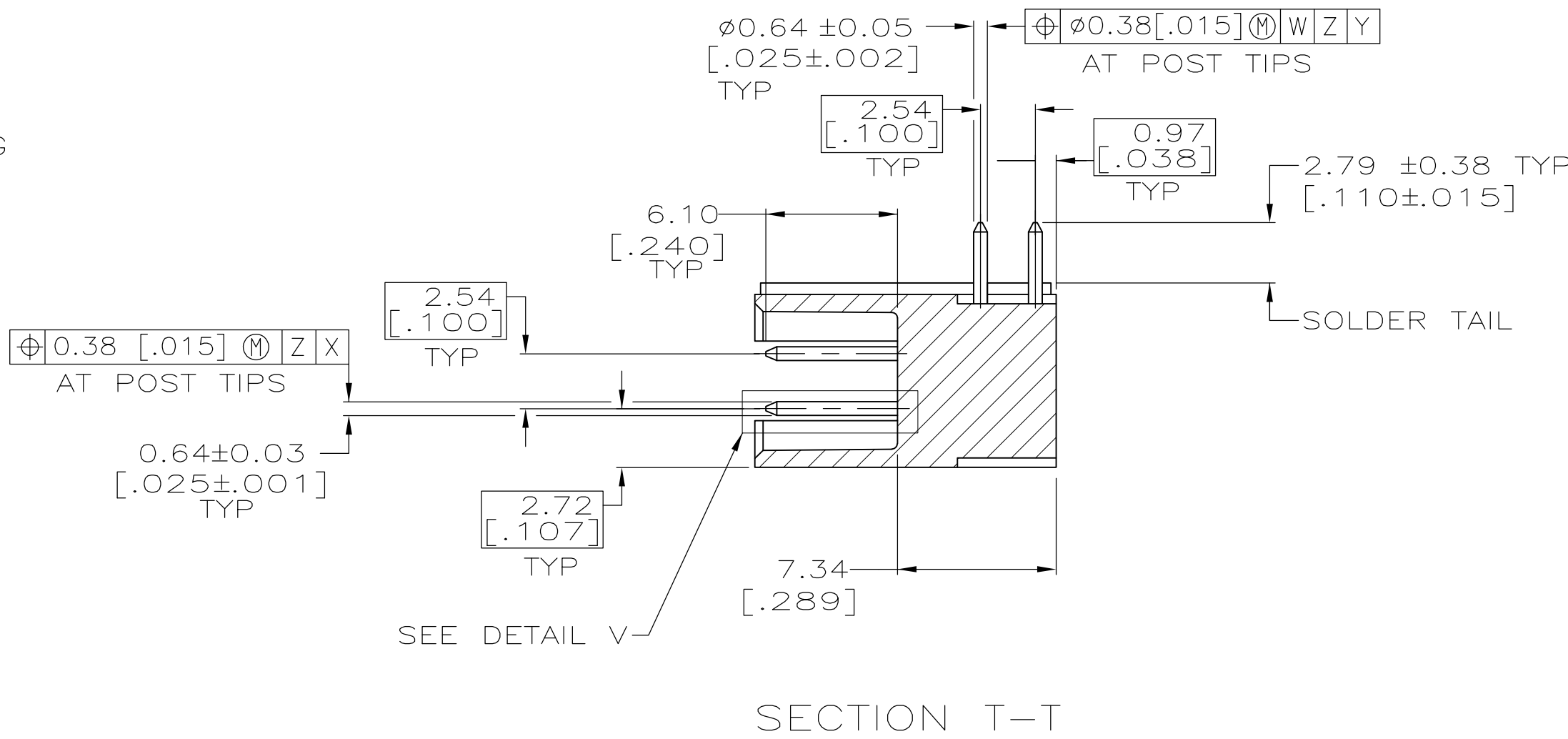
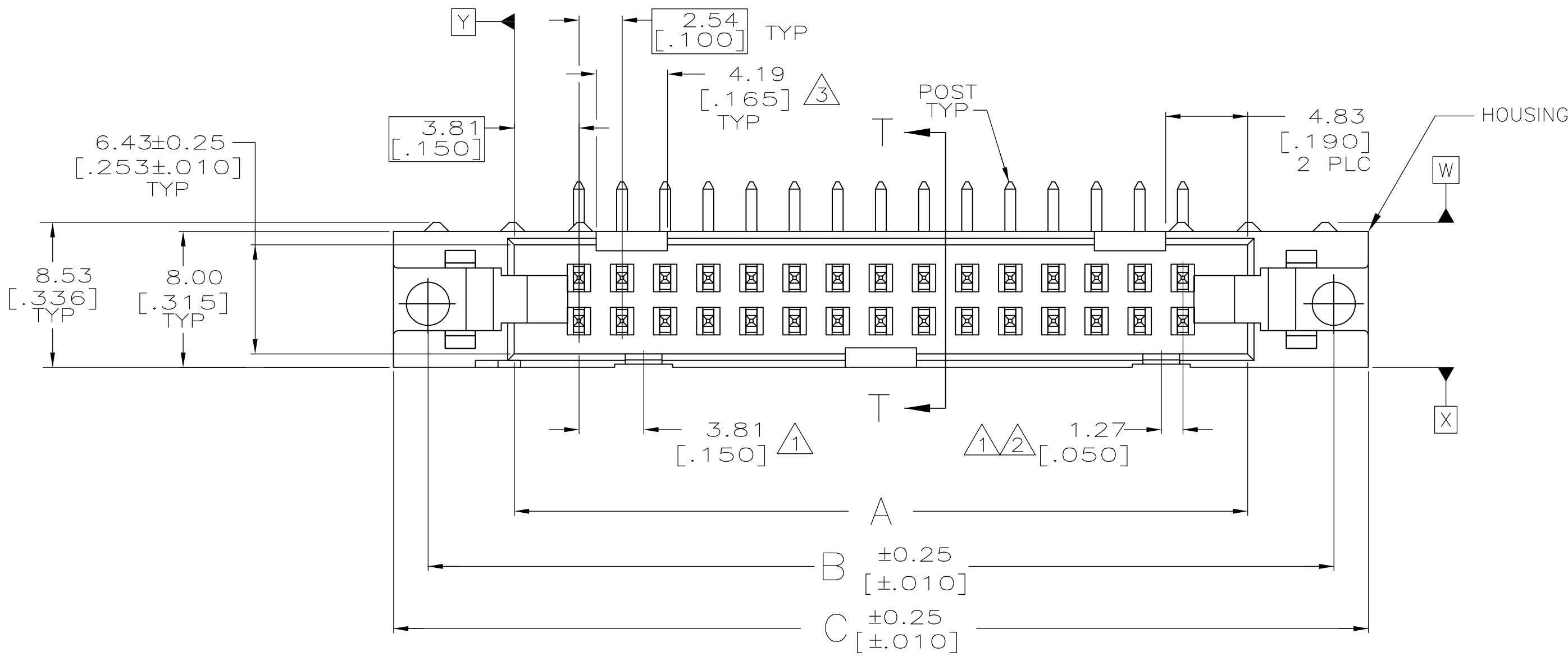


| LOC | DIST | REVISIONS |     |                         |           |     |      |
|-----|------|-----------|-----|-------------------------|-----------|-----|------|
|     |      | P         | LTR | DESCRIPTION             | DATE      | DWN | APVD |
| GP  | 00   |           | A   | RELEASED PER NPR 012-10 | 07DEC2010 | CJV | SLB  |



EJECTION LATCHES OMITTED IN  
THIS VIEW FOR CLARITY



SEE SHEET 2 FOR TABLE & NOTES

|                                                     |  |                                                              |                                     |                                                          |  |
|-----------------------------------------------------|--|--------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.              |  | DWN<br>C. VALENTINE<br>CHK<br>S. BOLASH<br>APVD<br>S. BOLASH | 07DEC2010<br>07DEC2010<br>07DEC2010 | Tyco Electronics Corporation<br>Harriburg, PA 17105-3608 |  |
| DIMENSIONS:<br>mm [INCHES]                          |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                    |                                     | NAME                                                     |  |
| 0 PLC<br>1 PLC<br>2 PLC<br>3 PLC<br>4 PLC<br>ANGLES |  | ± -<br>± -<br>± 0.13[.005]<br>± -<br>± -<br>± -              |                                     | PRODUCT SPEC<br>108-40018                                |  |
| MATERIAL                                            |  | FINISH                                                       |                                     | APPLICATION SPEC                                         |  |
| 6                                                   |  | 7                                                            |                                     | SIZE<br>A1                                               |  |
|                                                     |  |                                                              |                                     | CAGE CODE<br>00779                                       |  |
|                                                     |  |                                                              |                                     | DRAWING NO<br>2169664                                    |  |
|                                                     |  |                                                              |                                     | RESTRICTED TO                                            |  |
|                                                     |  |                                                              |                                     | CUSTOMER DRAWING                                         |  |
|                                                     |  |                                                              |                                     | SCALE<br>4:1                                             |  |
|                                                     |  |                                                              |                                     | SHEET<br>1 OF 2                                          |  |
|                                                     |  |                                                              |                                     | REV<br>A                                                 |  |

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

GP00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

A

SEE SHEET 1

-

-

-

1

COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.

2

10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.

3

10 POSITION SIZES CONTAIN ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.

4.

RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 1.57 [.062].

5

DISTANCE REQUIRED BY EJECTION LATCHES IN THE OPEN POSITION.

6

HOUSING & LATCHES: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, BLACK. POSTS: BRASS.

7

POSTS: 0.76µm[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54µm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.

8

DATUMS M & N TO BE ESTABLISHED BY CUSTOMER.

|                  |                  |                  |                  |                  |                  |            |             |
|------------------|------------------|------------------|------------------|------------------|------------------|------------|-------------|
| 60.96<br>[2.400] | 72.64<br>[2.860] | 72.64<br>[2.860] | 82.80<br>[3.260] | 78.74<br>[3.100] | 68.58<br>[2.700] | 50         | 1-2169664-0 |
| 48.26<br>[1.900] | 59.94<br>[2.360] | 59.94<br>[2.360] | 70.10<br>[2.760] | 66.04<br>[2.600] | 55.88<br>[2.200] | 40         | 2169664-9   |
| 40.64<br>[1.600] | 52.32<br>[2.060] | 52.32<br>[2.060] | 62.48<br>[2.460] | 58.42<br>[2.300] | 48.26<br>[1.900] | 34         | 2169664-8   |
| 27.94<br>[1.100] | 39.62<br>[1.560] | 39.62<br>[1.560] | 49.78<br>[1.960] | 45.72<br>[1.800] | 35.56<br>[1.400] | 24         | 2169664-5   |
| 15.24<br>[.600]  | 26.92<br>[1.060] | 26.92<br>[1.060] | 37.08<br>[1.460] | 33.02<br>[1.300] | 22.86<br>[.900]  | 14         | 2169664-2   |
| 10.16<br>[.400]  | 21.84<br>[.860]  | 21.84<br>[.860]  | 32.00<br>[1.260] | 27.94<br>[1.100] | 17.78<br>[.700]  | 10         | 2169664-1   |
| F                | E                | D                | C                | B                | A                | NO OF POSN | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
C. VALENTINE  
CHK  
S. BOLASH  
APVD  
S. BOLASH

07DEC2010  
07DEC2010  
07DEC2010

DIMENSIONS:  
mm [INCHES]

0

PLC

±

-

1

PLC

±

-

2

PLC

±

0.13[.005]

3

PLC

±

-

4

PLC

±

-

ANGLES

±

-

FINISH

7

WEIGHT

-

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

PRODUCT SPEC

APPLICATION SPEC

108-40018

100779

2169664

CUSTOMER DRAWING

SCALE 1:1

SHEET 2 OF 2

REV A

Tyco Electronics

Tyco Electronics Corporation  
Harrisburg, PA 17105-3608

NAME

HEADER ASSY, UNIVERSAL,  
AMP-LATCH

-

AMP 4805 REV 31MAR2000

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2169664-5](#)