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| LOC<br>— | DIST<br>— | REVISIONS |     |                           |         |     |      |
|----------|-----------|-----------|-----|---------------------------|---------|-----|------|
|          |           | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|          |           |           | A   | REVISED PER ECO-06-001742 | 31JAN06 | JDP | JGH  |

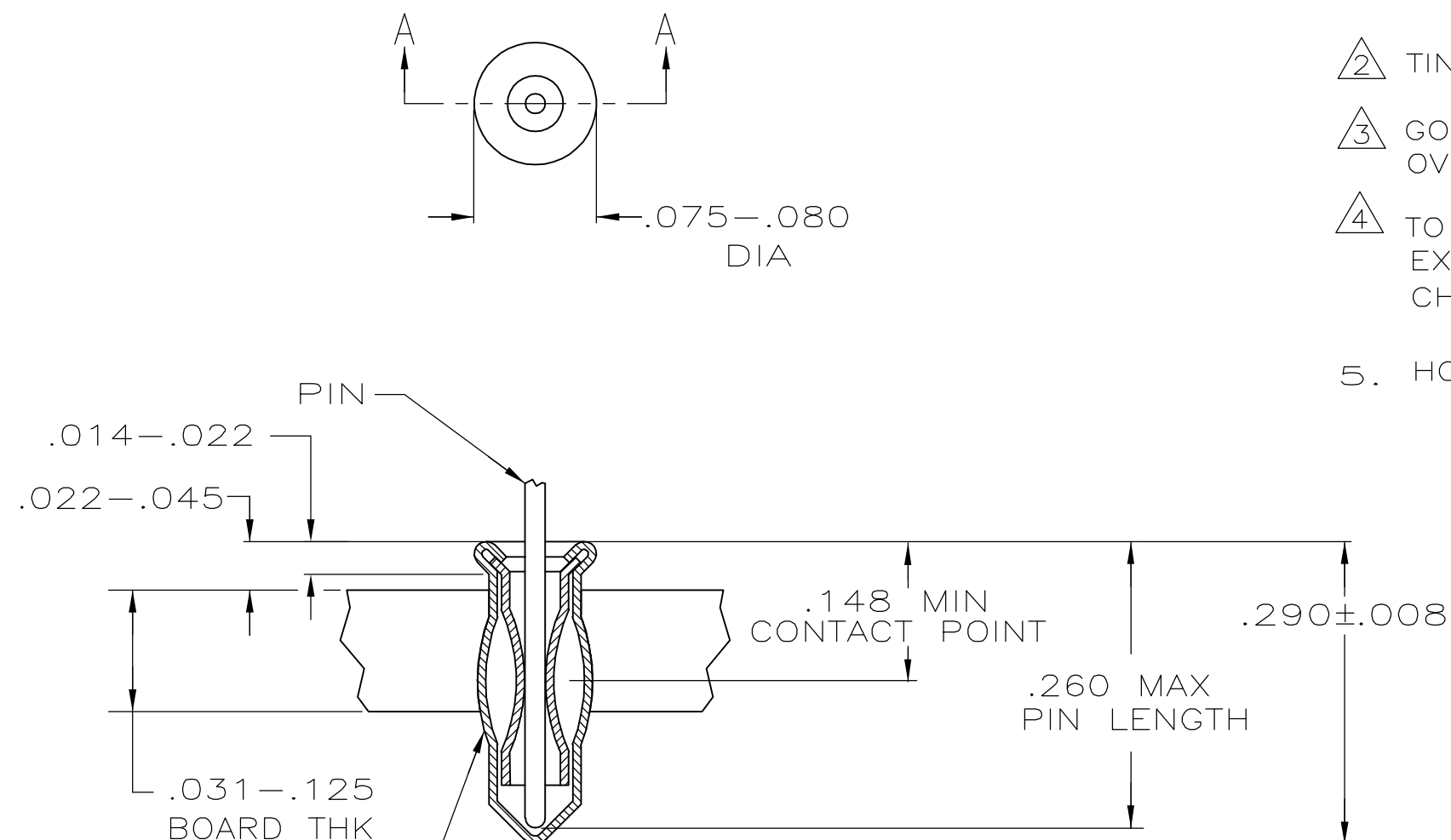
## 1. MATERIAL:

EYELET — COPPER PER ASTM B 152

SPRING — BERYLLIUM COPPER PER ASTM B 194

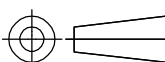
- △2 TIN PLATE PER ASTM B 545 .000100 MIN THICK.
- △3 GOLD PLATE PER ASTM B 488 .000030 MIN THICK OVER NICKEL PLATE PER QQ-N-290 ON CONTACT AREA.
- △4 TO INSURE 1/2 OZ MIN RETENTION DO NOT EXCEED .004 DIFFERENCE IN PIN DIA WHEN CHANGING TO A SMALLER DIA PIN

## 5. HOLE SIZE FOR HAND INSERTION .063—.066



MSS INSERTION MACHINE CAPABLE OF  
OVALIZING SOCKET FOR RETENTION IN PC BOARD  
WITH .063±.003 DIA HOLE PRIOR TO  
SOLDERING OPERATION

|           |                  |                   |                  |           |
|-----------|------------------|-------------------|------------------|-----------|
| .148/.260 | .028/.033        | GOLD <div>3</div> | TIN <div>2</div> | 5645988-2 |
|           |                  | TIN <div>2</div>  |                  | 5645988-1 |
| LENGTH    | DIA <div>4</div> | SPRING            | EYELET           | PART NO   |
| PIN       |                  | FINISH            |                  |           |

|                                                                                       |           |                                           |                               |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
|---------------------------------------------------------------------------------------|-----------|-------------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------|--|-----------|------------|-------|---------------|---------------|--|-----------------|--|----------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |           | DWN<br>L. VARELA — DOCKS<br>19APR05       |                               | <div>tyco</div> <div>Tyco Electronics Corporation</div> <div>Harrisburg, PA 17105-3608</div> |  |           |            |       |               |               |  |                 |  |          |  |
|                                                                                       |           | CHK<br>J. HAVENER<br>19APR05              |                               |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
| DIMENSIONS:<br><br>INCHES                                                             |           | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                               | NAME<br><br>MINIATURE SPRING SOCKET<br>ASSEMBLY<br><br>—                                     |  |           |            |       |               |               |  |                 |  |          |  |
|  | 0 PLC ± — |                                           | APVD<br>J. HAVENER<br>19APR05 |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
|                                                                                       | 1 PLC ± — |                                           | PRODUCT SPEC                  |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
|                                                                                       | 2 PLC ± — |                                           | 108-14008                     |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
|                                                                                       | 3 PLC ± — |                                           | APPLICATION SPEC              |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
|                                                                                       | 4 PLC ± — |                                           | 114-13152                     |                                                                                              |  |           |            |       |               |               |  |                 |  |          |  |
| ANGLES ± —                                                                            |           |                                           |                               | SIZE                                                                                         |  | CAGE CODE | DRAWING NO |       | RESTRICTED TO |               |  |                 |  |          |  |
| MATERIAL                                                                              |           | FINISH                                    |                               | WEIGHT<br>—                                                                                  |  | A3        |            | 00779 |               | C=5645988     |  | —               |  |          |  |
| NOTE 1                                                                                |           | SEE TABLE                                 |                               | CUSTOMER DRAWING                                                                             |  |           |            |       |               | SCALE<br>10:1 |  | SHEET<br>1 OF 1 |  | REV<br>A |  |

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