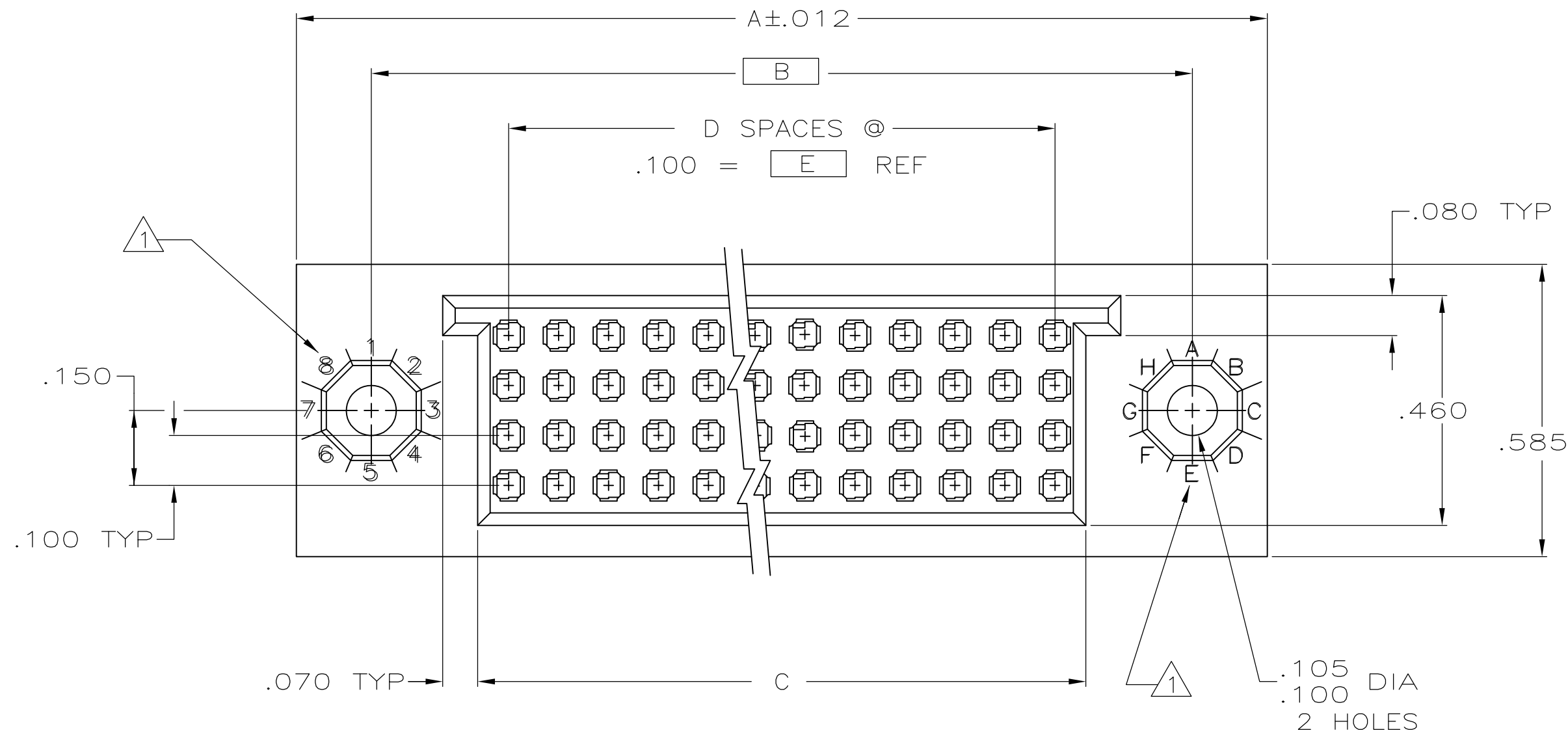
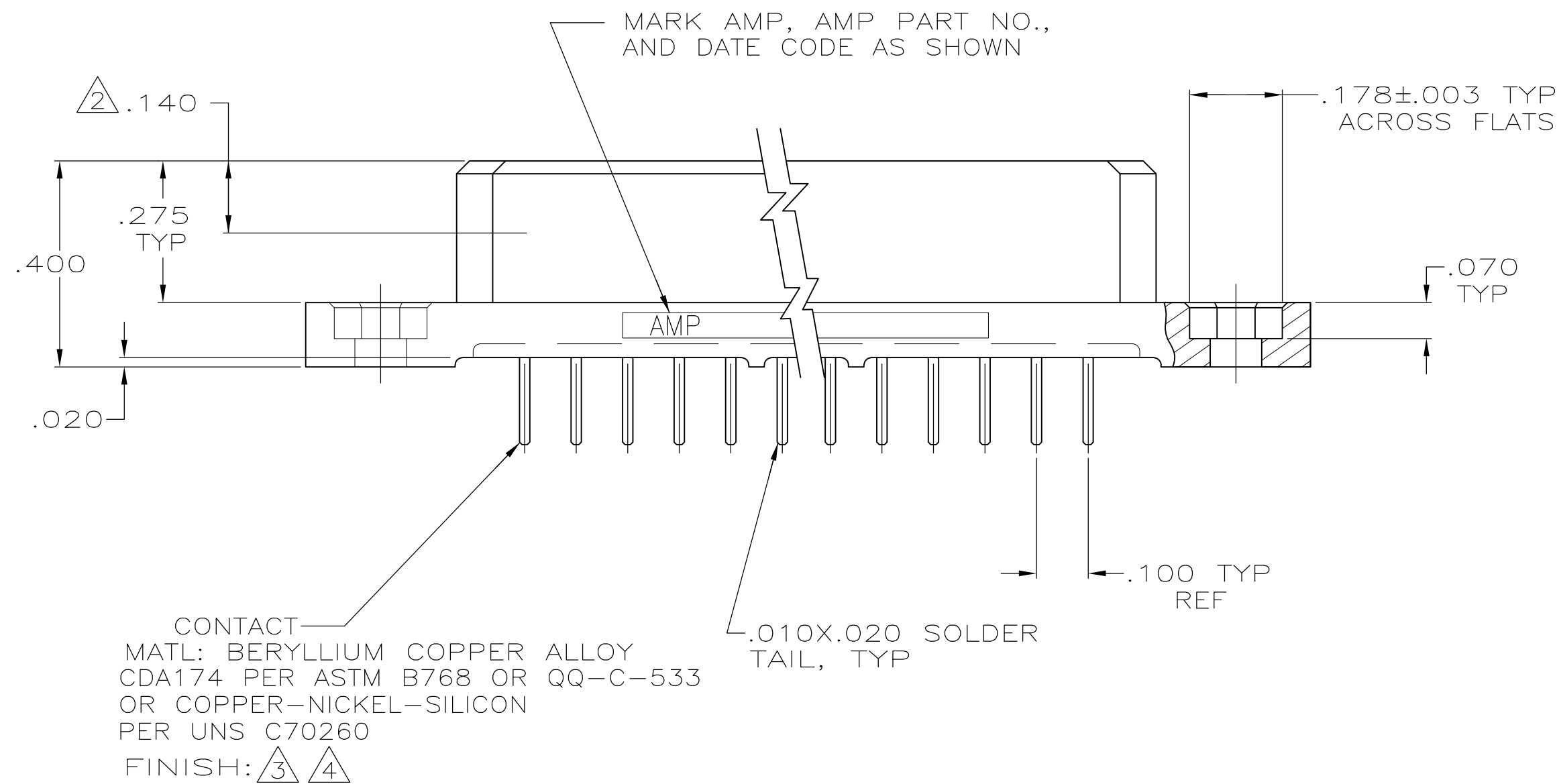


D



C

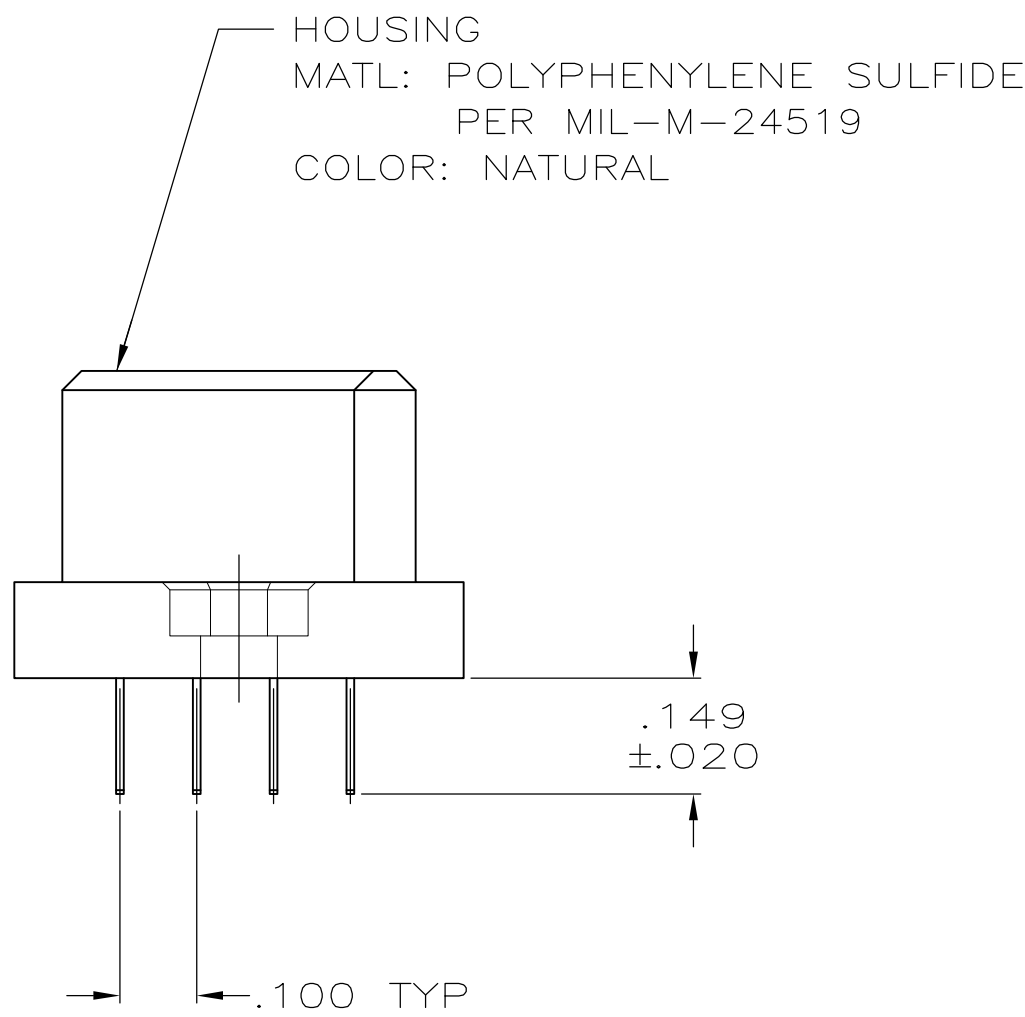
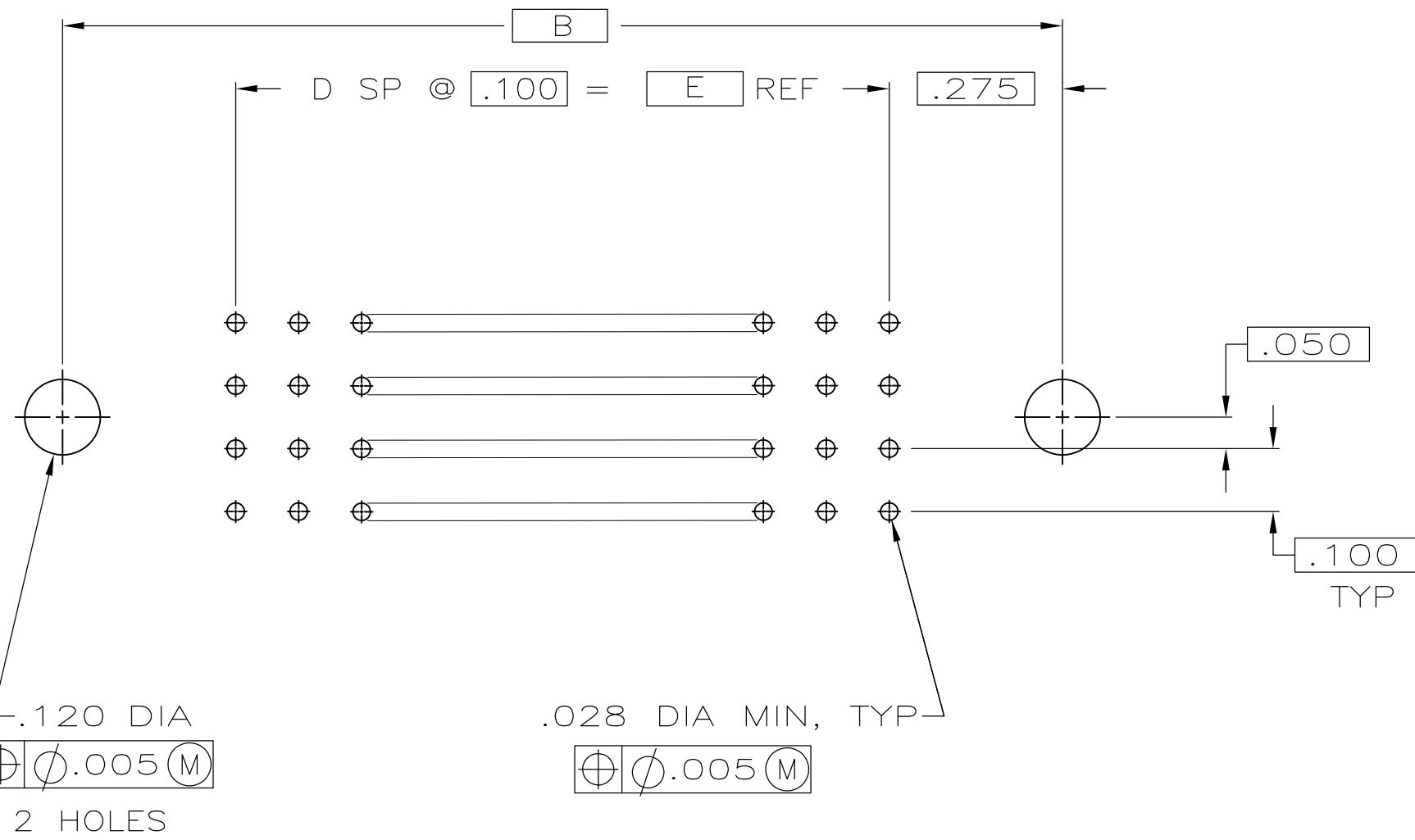


B

CONTACT  
MATL: BERYLLIUM COPPER ALLOY  
CDA174 PER ASTM B768 OR QQ-C-533  
OR COPPER-NICKEL-SILICON  
PER UNS C70260  
FINISH:  $\triangle 3$   $\triangle 4$

A

RECOMMENDED P.C. BOARD LAYOUT



- $\triangle 1$  KEY POSITION IDENTIFICATIONS MOLDED ON SURFACES SHOWN.
- $\triangle 2$  MAX DEPTH OF CONTACT POINT.
- $\triangle 3$  FINISH: PLATED GOLD  $.000050$  THK PER ASTM-B-488 IN CONTACT AREA WITH A POINT OF PLATING THICKNESS MEASUREMENT  $.135$  FROM MATING END OF CONTACT; TAILS PLATED TIN-LEAD; ALL OVER NICKEL PER AMS QQ-N-290.
- $\triangle 4$  FINISH: PLATED GOLD  $.000050$  THK PER ASTM-B-488 IN CONTACT AREA WITH A POINT OF PLATING THICKNESS MEASUREMENT  $.135$  FROM MATING END OF CONTACT; TAILS PLATED TIN; ALL OVER NICKEL PER AMS QQ-N-290.

|                        |       |    |       |       |       |      |             |
|------------------------|-------|----|-------|-------|-------|------|-------------|
| $\triangle 4$          | 3.100 | 31 | 3.224 | 3.650 | 3.950 | 128  | 6-446081-7  |
| $\triangle 4$          | 4.900 | 49 | 5.024 | 5.450 | 5.750 | 200  | 6-446081-0  |
| $\triangle 3$          | 1.900 | 19 | 2.024 | 2.450 | 2.750 | 80   | 2-446081-2  |
| $\triangle 3$ OBSOLETE | .900  | 9  | 1.024 | 1.450 | 1.750 | 40   | 2-446081-1  |
| $\triangle 3$ OBSOLETE | 1.600 | 16 | 1.724 | 2.150 | 2.450 | 68   | 2-446081-0  |
| $\triangle 3$          | 2.400 | 24 | 2.524 | 2.950 | 3.250 | 100  | 1-446081-9  |
| $\triangle 3$          | 2.900 | 29 | 3.024 | 3.450 | 3.750 | 120  | 1-446081-8  |
| $\triangle 3$          | 3.100 | 31 | 3.224 | 3.650 | 3.950 | 128  | 1-446081-7  |
| $\triangle 3$ OBSOLETE | 3.400 | 34 | 3.524 | 3.950 | 4.250 | 140  | 1-446081-6  |
| $\triangle 3$ OBSOLETE | 3.700 | 37 | 3.824 | 4.250 | 4.550 | 152  | 1-446081-5  |
| $\triangle 3$ OBSOLETE | 3.900 | 39 | 4.024 | 4.450 | 4.750 | 160  | 1-446081-4  |
| $\triangle 3$ OBSOLETE | 4.100 | 41 | 4.224 | 4.650 | 4.950 | 168  | 1-446081-3  |
| $\triangle 3$ OBSOLETE | 4.400 | 44 | 4.524 | 4.950 | 5.250 | 180  | 1-446081-2  |
| $\triangle 3$ OBSOLETE | 4.700 | 47 | 4.824 | 5.250 | 5.550 | 192  | 1-446081-1  |
| $\triangle 3$          | 4.900 | 49 | 5.024 | 5.450 | 5.750 | 200  | 1-446081-0  |
| $\triangle 3$ OBSOLETE | 5.300 | 53 | 5.424 | 5.850 | 6.150 | 216  | 446081-9    |
| $\triangle 3$          | 5.400 | 54 | 5.524 | 5.950 | 6.250 | 220  | 446081-8    |
| $\triangle 3$ OBSOLETE | 5.700 | 57 | 5.824 | 6.250 | 6.550 | 232  | 446081-7    |
| $\triangle 3$ OBSOLETE | 5.900 | 59 | 6.024 | 6.450 | 6.750 | 240  | 446081-6    |
| $\triangle 3$ OBSOLETE | 6.400 | 64 | 6.524 | 6.950 | 7.250 | 260  | 446081-5    |
| $\triangle 3$ OBSOLETE | 6.600 | 66 | 6.724 | 7.150 | 7.450 | 268  | 446081-4    |
| $\triangle 3$ OBSOLETE | 6.900 | 69 | 7.024 | 7.450 | 7.750 | 280  | 446081-3    |
| $\triangle 3$ OBSOLETE | 7.200 | 72 | 7.324 | 7.750 | 8.050 | 292  | 446081-2    |
| $\triangle 3$ OBSOLETE | 7.400 | 74 | 7.524 | 7.950 | 8.250 | 300  | 446081-1    |
|                        | E     | D  | C     | B     | A     | POSN | PART NUMBER |

|                                                                                                                                                            |  |                                |                                                           |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|-----------------------------------------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                     |  | DWN<br>T. THOMPSON<br>04-03-95 | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |               |
| DIMENSIONS:<br>INCHES                                                                                                                                      |  | CHK<br>D. MILLER<br>04-03-95   | NAME                                                      |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC $\pm .01$<br>1 PLC $\pm .01$<br>2 PLC $\pm .01$<br>3 PLC $\pm .005$<br>4 PLC $\pm .01$<br>ANGLES $\pm .01$ |  | APVD<br>D. MILLER<br>04-03-95  | PRODUCT SPEC                                              |               |
| MATERIAL<br>SEE CALLOUT                                                                                                                                    |  | WEIGHT<br>—                    | SIZE<br>A1                                                |               |
| FINISH<br>SEE CALLOUT                                                                                                                                      |  | APPLICATION SPEC               |                                                           | RESTRICTED TO |
| CUSTOMER DRAWING                                                                                                                                           |  | SCALE 4:1                      |                                                           | SHEET 1 OF 1  |