

D

C

B

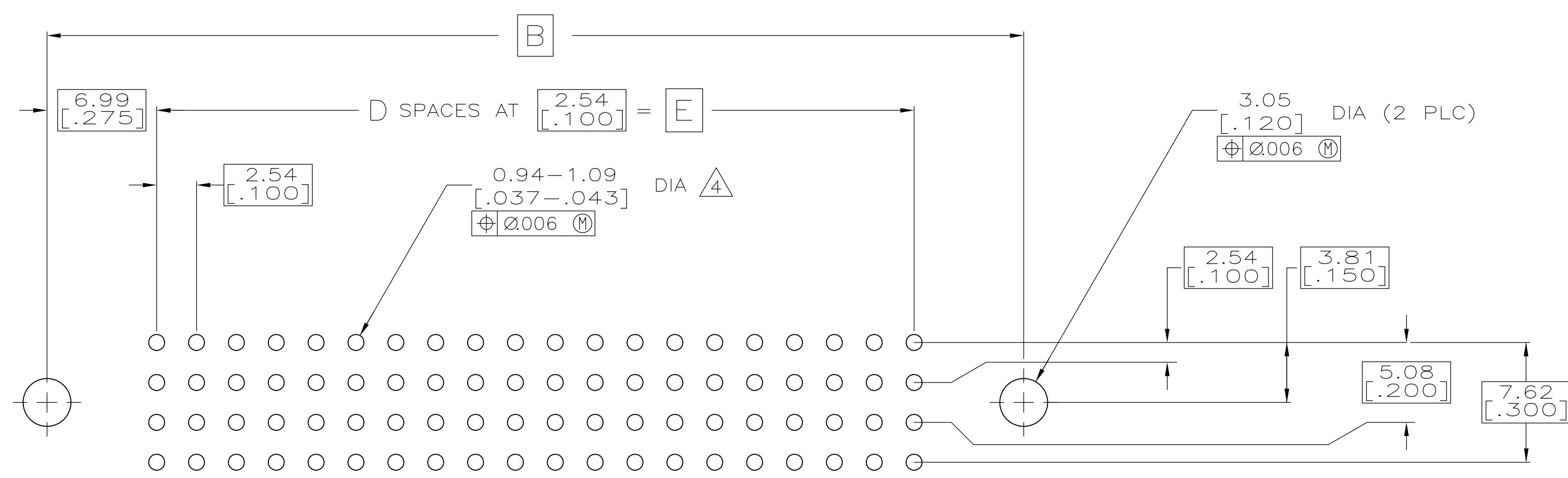
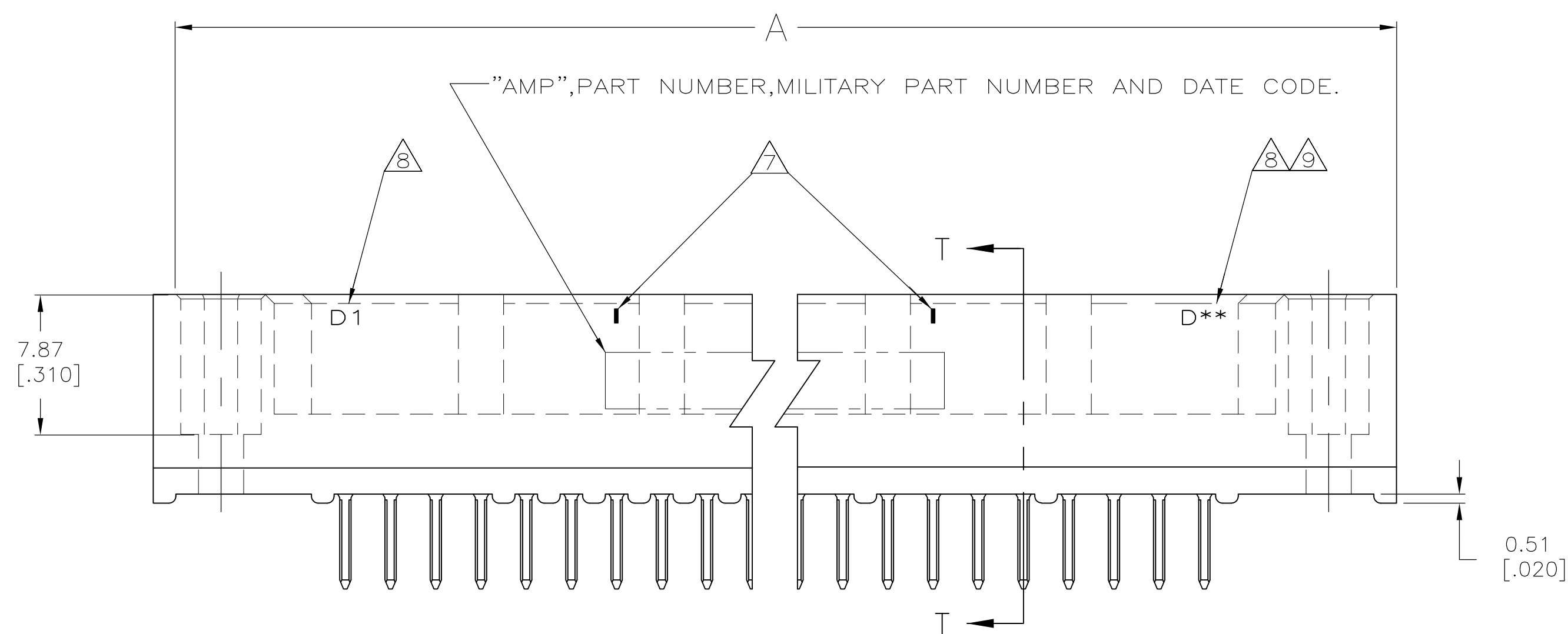
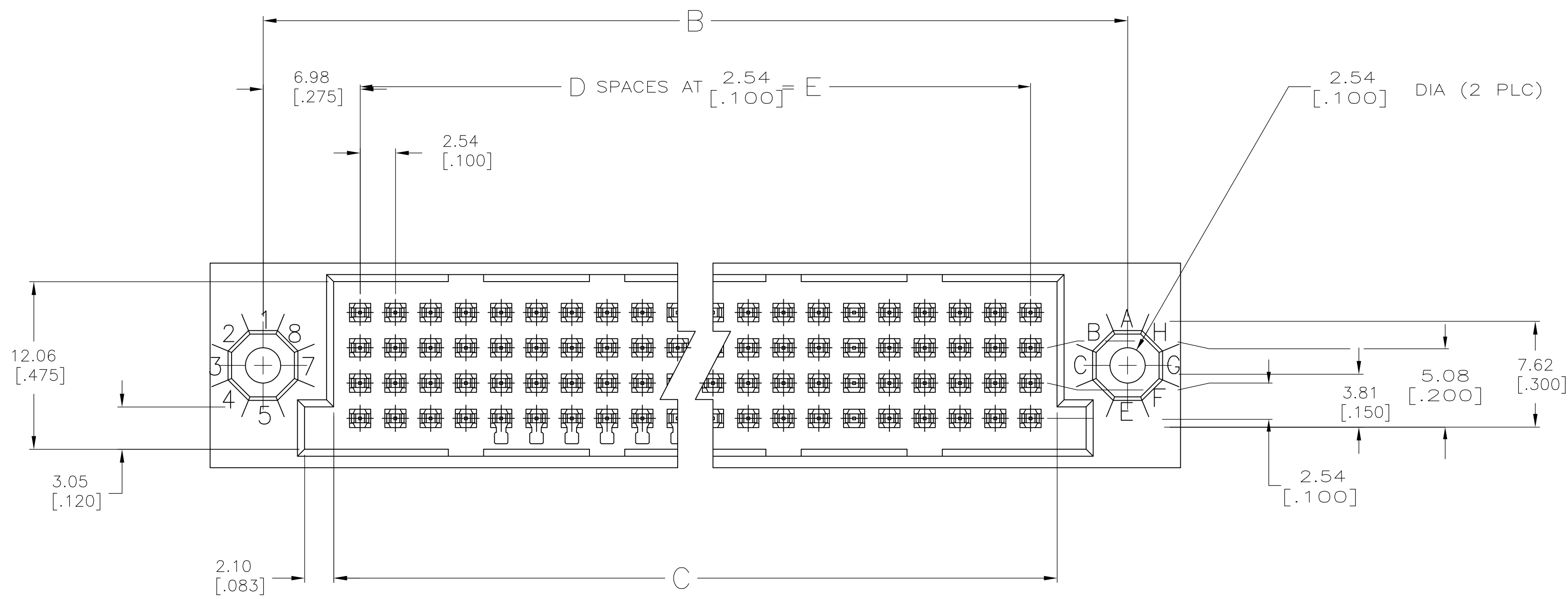
A

D

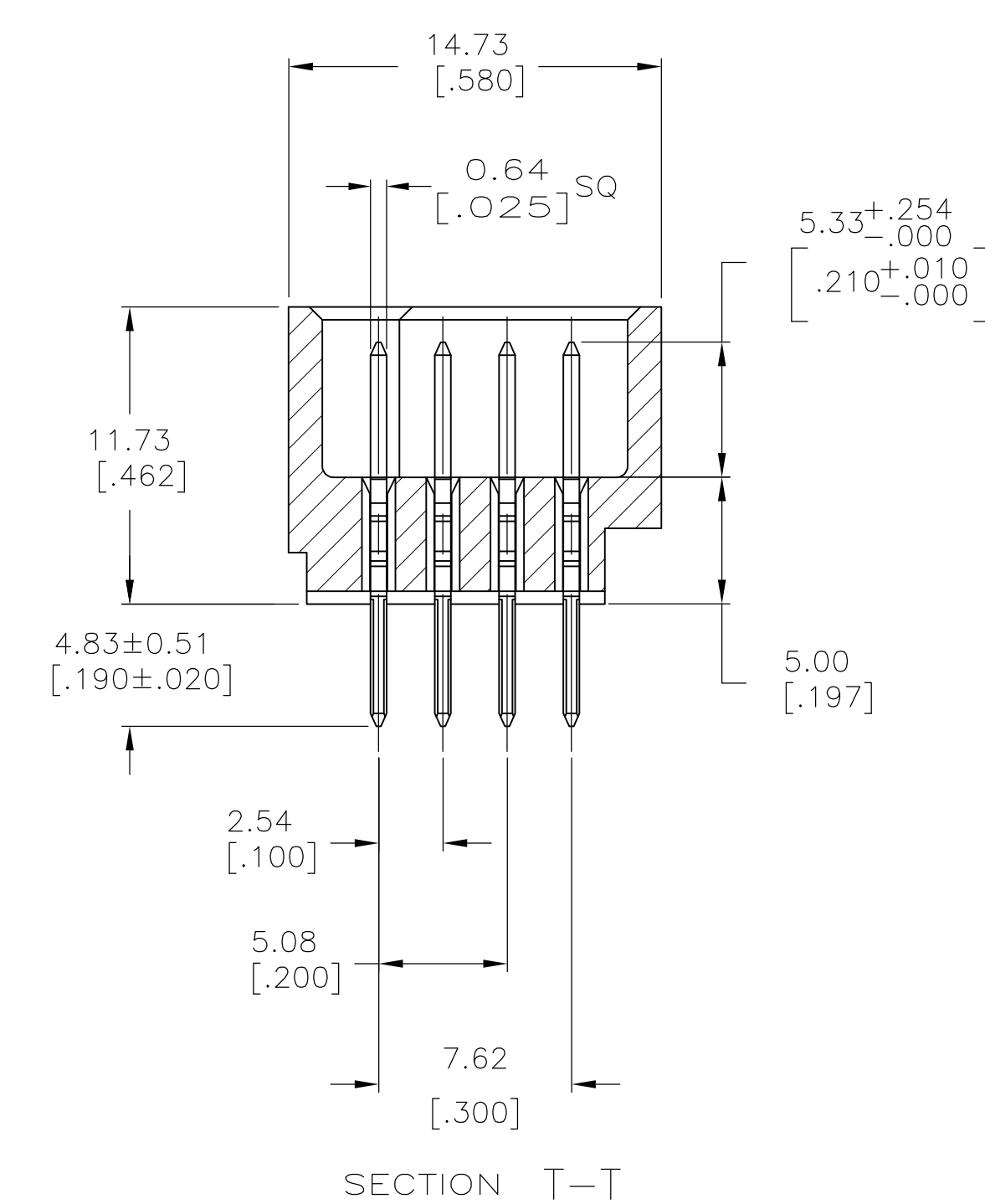
C

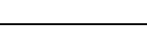
B

A



RECOMMENDED P.C. BOARD LAYOUT



|                                                                                       |  |                               |                                                                                                       |           |            |               |
|---------------------------------------------------------------------------------------|--|-------------------------------|-------------------------------------------------------------------------------------------------------|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>T. HOFFMAN<br>6/30/92  |  TE Connectivity |           |            |               |
| DIMENSIONS:<br>mm [INCHES]                                                            |  | CHK<br>G. SKIPPER<br>7/14/92  |                                                                                                       |           |            |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |  | APVD<br>—                     | NAME                                                                                                  |           |            |               |
| 0 PLC ± —                                                                             |  | PRODUCT SPEC                  | HDI, 4 ROW, PIN ASSEMBLY,<br>4.83 [.190] LONG ACTION PINS,<br>0.00127 [.000050] GOLD PLATE            |           |            |               |
| 1 PLC ± —                                                                             |  | —                             |                                                                                                       |           |            |               |
| 2 PLC ± —                                                                             |  | APPLICATION SPEC              |                                                                                                       |           |            |               |
| 3 PLC ± 0.13 [.005]                                                                   |  | —                             |                                                                                                       |           |            |               |
| 4 PLC ± —                                                                             |  | —                             | SIZE                                                                                                  | CAGE CODE | DRAWING NO | RESTRICTED TO |
| ANGLES ± —                                                                            |  | —                             | A1                                                                                                    | 00779     | C=533935   | —             |
| FINISH                                                                                |  | CUSTOMER DRAWING              |                                                                                                       |           |            |               |
|  |  | SCALE 4:1 SHEET 1 OF 2 REV L1 |                                                                                                       |           |            |               |

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST25

REV

DATE

DESCRIPTION

DATE

DWN

APVD

—

—

SEE SHEET 1

—

—

—

1

HOUSING MATERIAL: THERMOPLASTIC, COLOR=NATURAL.

2

CONTACT MATERIAL: PHOSPHOR BRONZE.

3

CONTACT FINISH: .00127–.00254 [.000050–.000100] NICKEL  
UNDERPLATE ALL OVER: .00127 [.000050] GOLD PLATE IN  
CONTACT AREA, TIN=LEAD PLATED POSTS.

4

SOLDER PIN POST RECOMMENDED P.C. BOARD HOLE SIZES ARE  
0.94–1.09 [.037–.043]; RECOMMENDED PAD DIA IS 1.52 [.060].

5

DIMENSIONS IN BRACKETS ARE IN INCHES.

6

HOUSINGS WITH CENTER MOUNTING IS RECOMMENDED FOR ASSEMBLIES  
HAVING 75 CONTACTS PER ROW OR MORE.

7

MARK EVERY TENTH POST POSITION.

8

MARK ROW D AND FIRST=LAST POSITION IDENTIFICATION.

9

TOTAL NUMBER OF POSITIONS PER ROW.

|                   |    |                   |                   |                   |      |                |            |
|-------------------|----|-------------------|-------------------|-------------------|------|----------------|------------|
| 144.78<br>[5.700] | 57 | 148.59<br>[5.850] | 158.75<br>[6.250] | 166.37<br>[6.550] | 232  | —              | 1–533935–4 |
| 111.76<br>[4.400] | 44 | 115.57<br>[4.550] | 125.73<br>[4.950] | 133.35<br>[5.250] | 180  | —              | 1–533935–3 |
| 86.36<br>[3.400]  | 34 | 90.17<br>[3.550]  | 100.33<br>[3.950] | 107.95<br>[4.250] | 140  | —              | 1–533935–2 |
| 73.66<br>[2.900]  | 29 | 77.47<br>[3.050]  | 87.63<br>[3.450]  | 95.25<br>[3.750]  | 120  | —              | 1–533935–1 |
| 187.96<br>[7.400] | 74 | 191.77<br>[7.550] | 201.93<br>[7.950] | 209.55<br>[8.250] | 300  | M55302/179–114 | 1–533935–0 |
| 175.26<br>[6.900] | 69 | 179.07<br>[7.050] | 189.23<br>[7.450] | 196.85<br>[7.750] | 280  | M55302/179–105 | 533935–9   |
| —                 | —  | —                 | —                 | —                 | —    | —              | 533935–8   |
| 162.56<br>[6.400] | 64 | 166.37<br>[6.550] | 176.53<br>[6.950] | 184.15<br>[7.250] | 260  | M55302/179–87  | 533935–7   |
| 149.86<br>[5.900] | 59 | 153.67<br>[6.050] | 163.83<br>[6.450] | 171.45<br>[6.750] | 240  | M55302/179–78  | 533935–6   |
| 137.16<br>[5.400] | 54 | 140.97<br>[5.550] | 151.13<br>[5.950] | 158.75<br>[6.250] | 220  | M55302/179–69  | 533935–5   |
| 124.46<br>[4.900] | 49 | 128.27<br>[5.050] | 138.43<br>[5.450] | 146.05<br>[5.750] | 200  | M55302/179–60  | 533935–4   |
| 99.06<br>[3.900]  | 39 | 102.87<br>[4.050] | 113.03<br>[4.450] | 120.65<br>[4.750] | 160  | M55302/179–42  | 533935–3   |
| 78.74<br>[3.100]  | 31 | 82.55<br>[3.250]  | 92.71<br>[3.650]  | 100.33<br>[3.950] | 128  | M55302/179–24  | 533935–2   |
| 60.96<br>[2.400]  | 24 | 64.77<br>[2.550]  | 74.93<br>[2.950]  | 82.55<br>[3.250]  | 100  | M55302/179–06  | 533935–1   |
| E                 | D  | C                 | B                 | A                 | POSN | MILITARY       | AMP        |
| PART NUMBERS      |    |                   |                   |                   |      |                |            |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm [INCHES]

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC

± –  
± –  
± –  
± 0.13 [.005]  
± –

ANGLES  
FINISH

DWN  
T. HOFFMAN  
6/30/92

CHK  
G.SKIPPER  
7/14/92

APVD  
—

NAME

HDI, 4 ROW, PIN ASSEMBLY,  
4.83 [.190] LONG ACTION PINS,  
.00127 [.000050] GOLD PLATE

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

—

SIZE

A1

CAGE CODE

00779

DRAWING NO

533935

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE

4:1

SHEET

2

OF

2

REV

L1

4805 (3/11)

# Mouser Electronics

Authorized Distributor

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[1-533935-1](#)