

| TABLE-1: WITH CONDUCTIVE LOSSY OPTION |                                                                |    |       |       |       |       |
|---------------------------------------|----------------------------------------------------------------|----|-------|-------|-------|-------|
| PART NUMBER                           | DESCRIPTION                                                    | N  | A     | B     | C     | D     |
| IC13423-X11Z                          | VERTICAL PLUG ASSEMBLY, 12 POSITION, REGULAR, CONDUCTIVE LOSSY | 12 | 14.17 | 19.47 | 21.97 | 10.80 |
| IC13423-X13Z                          | VERTICAL PLUG ASSEMBLY, 12 POSITION, SHORT, CONDUCTIVE LOSSY   | 12 | 12.37 | 13.97 | N/A   | 10.80 |
| IC13423-X21Z                          | VERTICAL PLUG ASSEMBLY, 20 POSITION, REGULAR, CONDUCTIVE LOSSY | 20 | 21.37 | 26.67 | 29.17 | 14.40 |
| IC13423-X23Z                          | VERTICAL PLUG ASSEMBLY, 20 POSITION, SHORT, CONDUCTIVE LOSSY   | 20 | 19.57 | 21.17 | N/A   | 14.40 |
| IC13423-X41Z                          | VERTICAL PLUG ASSEMBLY, 40 POSITION, REGULAR, CONDUCTIVE LOSSY | 40 | 39.37 | 44.67 | 47.17 | 32.40 |
| IC13423-X43Z                          | VERTICAL PLUG ASSEMBLY, 40 POSITION, SHORT, CONDUCTIVE LOSSY   | 40 | 37.57 | 39.17 | N/A   | 32.40 |
| IC13423-X61Z                          | VERTICAL PLUG ASSEMBLY, 60 POSITION, REGULAR, CONDUCTIVE LOSSY | 60 | 57.37 | 62.67 | 65.17 | 50.40 |
| IC13423-X63Z                          | VERTICAL PLUG ASSEMBLY, 60 POSITION, SHORT, CONDUCTIVE LOSSY   | 60 | 55.57 | 57.17 | N/A   | 50.40 |
| IC13423-X81Z                          | VERTICAL PLUG ASSEMBLY, 80 POSITION, REGULAR, CONDUCTIVE LOSSY | 80 | 75.37 | 80.67 | 83.17 | 68.40 |
| IC13423-X83Z                          | VERTICAL PLUG ASSEMBLY, 80 POSITION, SHORT, CONDUCTIVE LOSSY   | 80 | 73.57 | 75.17 | N/A   | 68.40 |

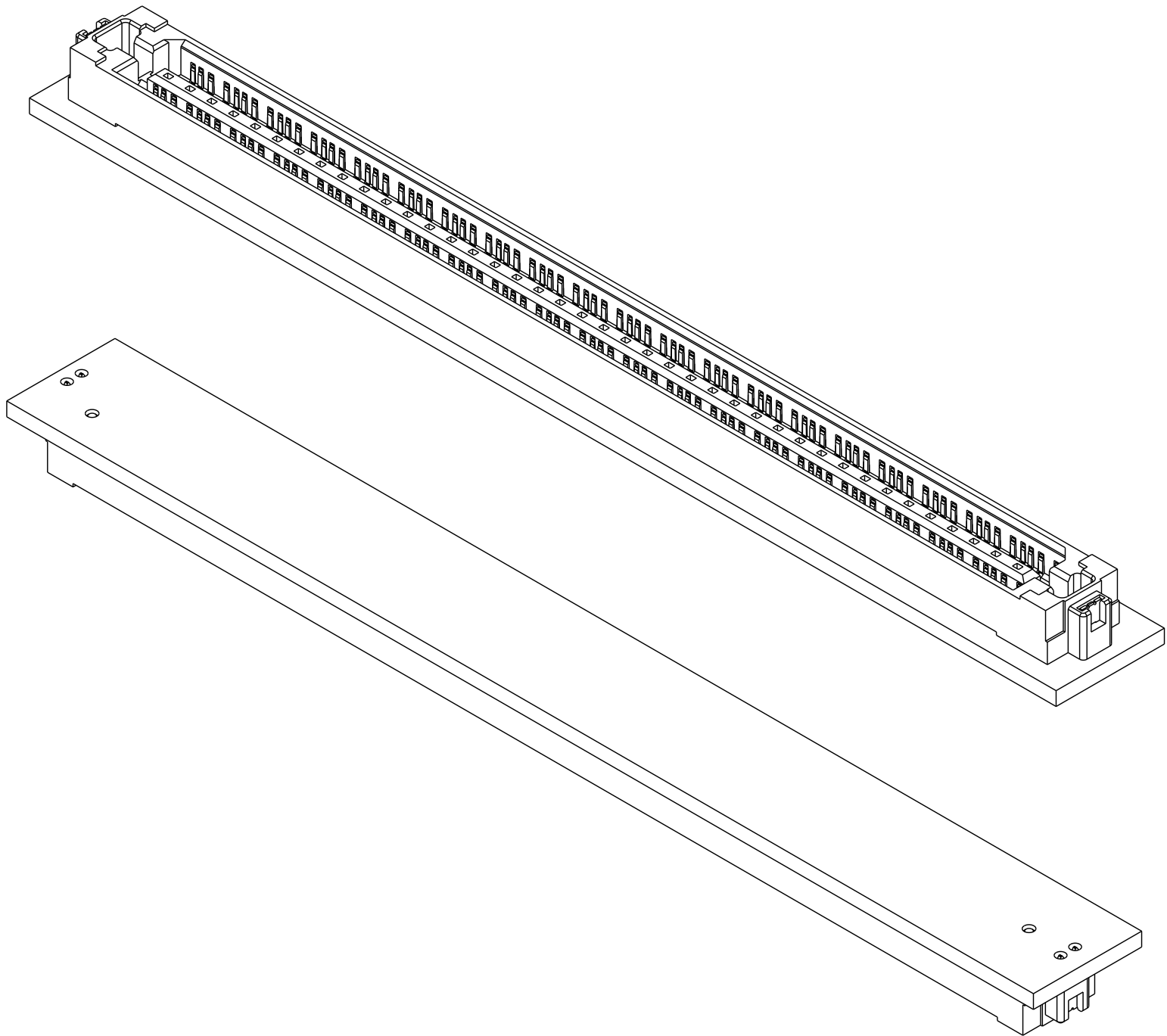
| TABLE-2: WITH NON-CONDUCTIVE LOSSY OPTION |                                                               |    |       |       |       |       |
|-------------------------------------------|---------------------------------------------------------------|----|-------|-------|-------|-------|
| PART NUMBER                               | DESCRIPTION                                                   | N  | A     | B     | C     | D     |
| IC13423-X12Z                              | VERTICAL PLUG ASSEMBLY, 12 POSITION, REGULAR, NON-COND. LOSSY | 12 | 14.17 | 19.47 | 21.97 | 10.80 |
| IC13423-X14Z                              | VERTICAL PLUG ASSEMBLY, 12 POSITION, SHORT, NON-COND. LOSSY   | 12 | 12.37 | 13.97 | N/A   | 10.80 |
| IC13423-X22Z                              | VERTICAL PLUG ASSEMBLY, 20 POSITION, REGULAR, NON-COND. LOSSY | 20 | 21.37 | 26.67 | 29.17 | 14.40 |
| IC13423-X24Z                              | VERTICAL PLUG ASSEMBLY, 20 POSITION, SHORT, NON-COND. LOSSY   | 20 | 19.57 | 21.17 | N/A   | 14.40 |
| IC13423-X42Z                              | VERTICAL PLUG ASSEMBLY, 40 POSITION, REGULAR, NON-COND. LOSSY | 40 | 39.37 | 44.67 | 47.17 | 32.40 |
| IC13423-X44Z                              | VERTICAL PLUG ASSEMBLY, 40 POSITION, SHORT, NON-COND. LOSSY   | 40 | 37.57 | 39.17 | N/A   | 32.40 |
| IC13423-X62Z                              | VERTICAL PLUG ASSEMBLY, 60 POSITION, REGULAR, NON-COND. LOSSY | 60 | 57.37 | 62.67 | 65.17 | 50.40 |
| IC13423-X64Z                              | VERTICAL PLUG ASSEMBLY, 60 POSITION, SHORT, NON-COND. LOSSY   | 60 | 55.57 | 57.17 | N/A   | 50.40 |
| IC13423-X82Z                              | VERTICAL PLUG ASSEMBLY, 80 POSITION, REGULAR, NON-COND. LOSSY | 80 | 75.37 | 80.67 | 83.17 | 68.40 |
| IC13423-X84Z                              | VERTICAL PLUG ASSEMBLY, 80 POSITION, SHORT, NON-COND. LOSSY   | 80 | 73.57 | 75.17 | N/A   | 68.40 |

| TABLE-3: PART HEIGHT |                |                |
|----------------------|----------------|----------------|
| PART NUMBER          | STACKED HEIGHT | H. PLUG HEIGHT |
| IC13423-AXXZ         | 4mm            | 3.78           |
| IC13423-BXXZ         | 5mm            | 4.78           |
| IC13423-CXXZ         | 6mm            | 5.78           |
| IC13423-DXXZ         | 7mm            | 6.78           |
| IC13423-EXXZ         | 8mm            | 7.78           |
| IC13423-FXXZ         | 9mm            | 8.78           |
| IC13423-GXXZ         | 10mm           | 9.78           |

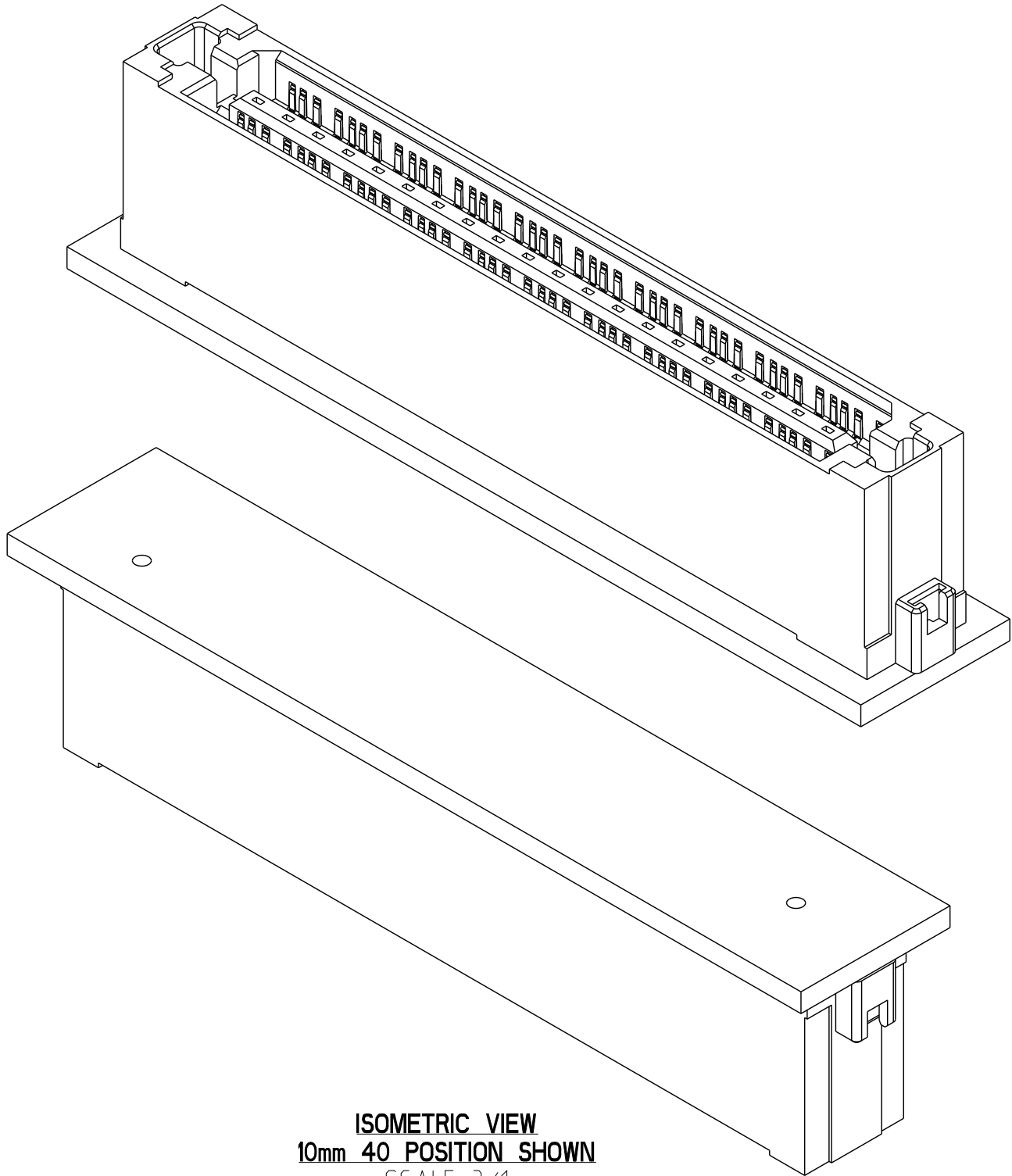
| TABLE-4: RETENTION PIN OPTIONS |                               |
|--------------------------------|-------------------------------|
| PART NUMBER                    | (L): PROTRUSION BELOW HOUSING |
| IC13423-XXX0                   | NO PIN                        |
| IC13423-XXX1                   | 1.1MM                         |
| IC13423-XXX2                   | 2.5MM                         |

| REVISION HISTORY |           |     |                                        |            |            |            |
|------------------|-----------|-----|----------------------------------------|------------|------------|------------|
| ZONE             | ECN       | REV | DESCRIPTION                            | DATE       | CHANGED BY | APPROVED   |
| SH1              | EC-134.07 | C   | UPDATED TABLE 1 & 2 LOSSY DESCRIPTIONS | 02/13/2020 | M.CHARETH  | D.McNAMARA |
| SH1              |           | D   | ADDED HEIGHTS 6-9mm                    | 08/13/2020 | M.CHARETH  | D.McNAMARA |

OMITTED REVISIONS NOT RELEASED. ALL CHANGES INCORPORATED



ISOMETRIC VIEW  
4mm 80 POSITION SHOWN  
SCALE 3/1



ISOMETRIC VIEW  
10mm 40 POSITION SHOWN  
SCALE 3/1

# IC13423-X X X Z

## STACKED HEIGHT

- A = 4MM
- B = 5MM
- C = 6MM
- D = 7MM
- E = 8MM
- F = 9MM
- G = 10MM

## POSITION

- 1 = 12
- 2 = 20
- 4 = 40
- 6 = 60
- 8 = 80

## ASSEMBLY TYPE

- 1 = REGULAR (WITH GUIDE PINS) & LOSSY
- 2 = REGULAR (WITH GUIDE PINS) & NON-CONDUCTIVE LOSSY
- 3 = SHORT (WITHOUT GUIDE PINS) & LOSSY
- 4 = SHORT (WITHOUT GUIDE PINS) & NON-CONDUCTIVE LOSSY

## OPTIONAL RETENTION PIN

- 0 = NO RETENTION PIN
- 1 = SHORT RETENTION PIN
- 2 = LONG RETENTION PIN

### NOTES:

- MATERIAL  
HOUSING: HIGH TEMPERATURE LCP. COLOR: BLACK  
CONTACT: COPPER ALLOY  
CONTACT PLATING: UNDERPLATE WITH NICKEL,  
HARD GOLD IN MATING AREA  
PURE MATTE TIN ON CONTACT TAIL
  - PLEASE REFER TO PRODUCT SPECIFICATION FOR MECHANICAL AND ELECTRICAL SPECIFICATION.
- 3

OPTIONAL SOLDERABLE RETENTION PIN
- 4

PLATED THROUGH HOLE FOR SOLDERABLE RETENTION PIN  
RECOMMENDED FINISH: TIN, OSP

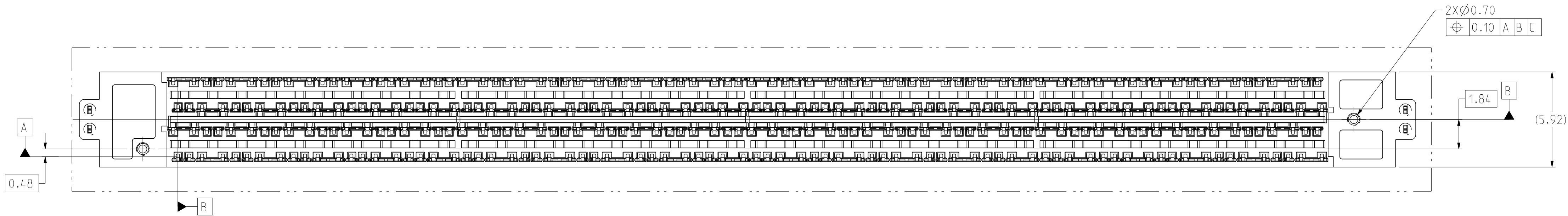
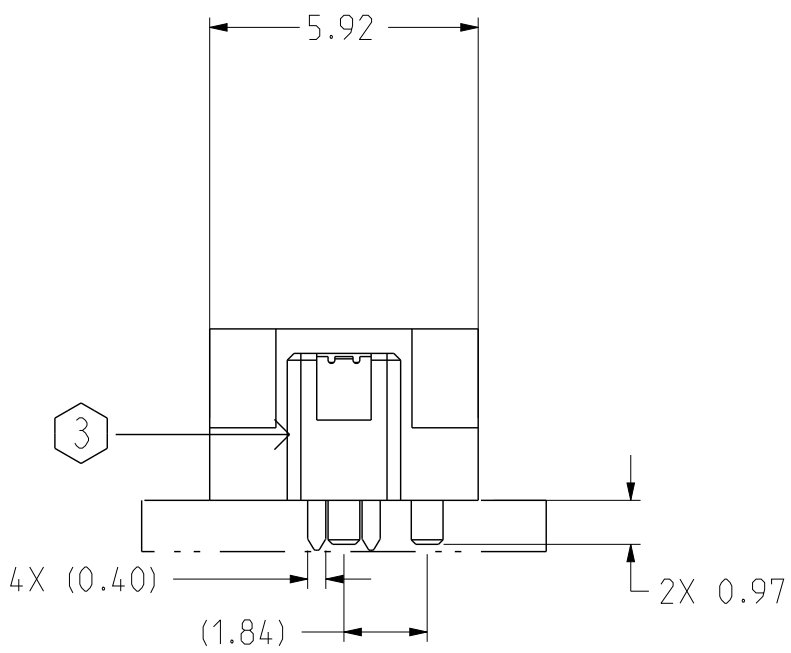
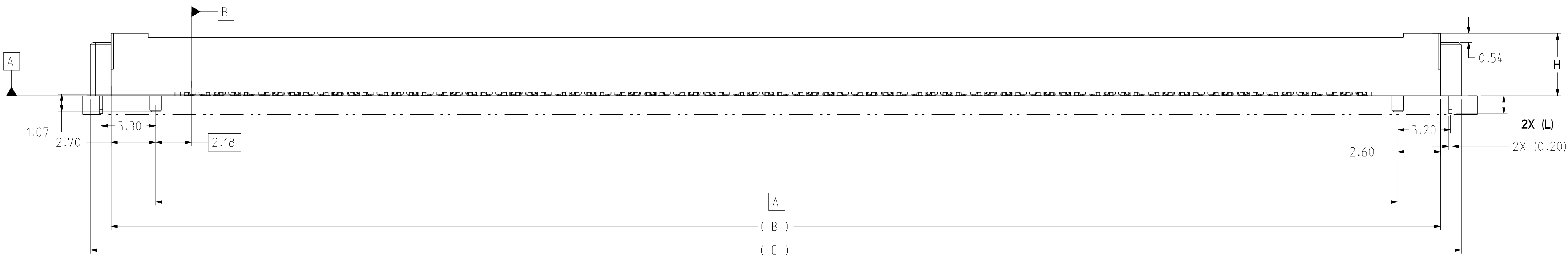
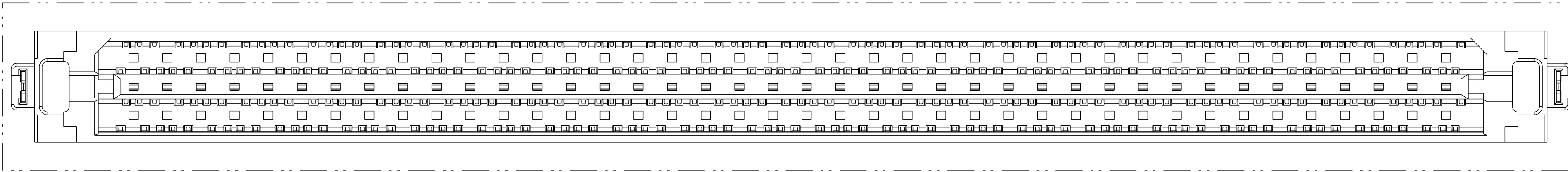


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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
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|                                                                                                                                                                                                                                                                                                                               |  |

| APPROVALS                                                                                                                                                                                                                                                                                                         |           | DATE       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|
| DRAWN BY:                                                                                                                                                                                                                                                                                                         | HCL-PV    | 02/05/2019 |
| CHK'D BY:                                                                                                                                                                                                                                                                                                         | M.CHARETH | 02/05/2019 |
| DESIGNED BY:PROL. ENG.                                                                                                                                                                                                                                                                                            | M.CHARETH | 02/05/2019 |
| PROCESS ENGINEERING:                                                                                                                                                                                                                                                                                              | M.CHARETH | 02/05/2019 |
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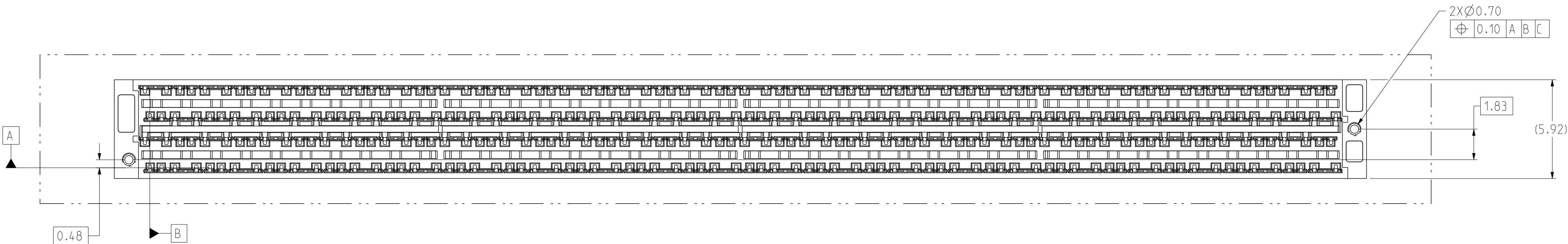
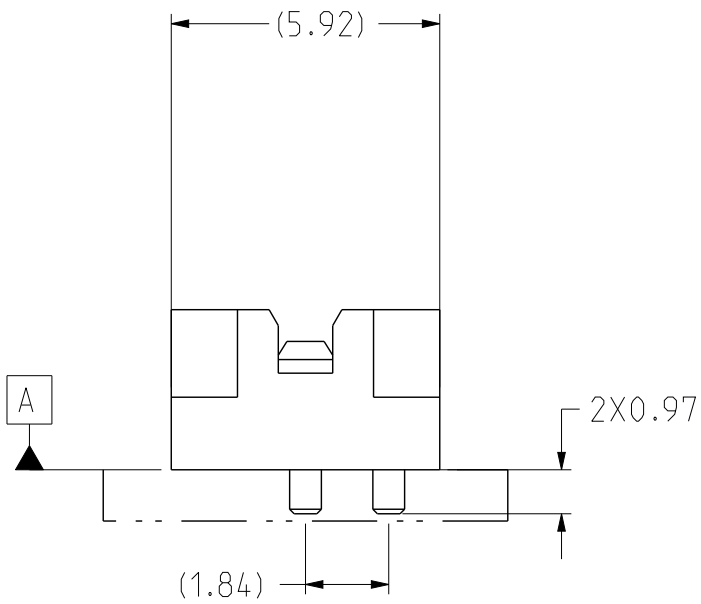
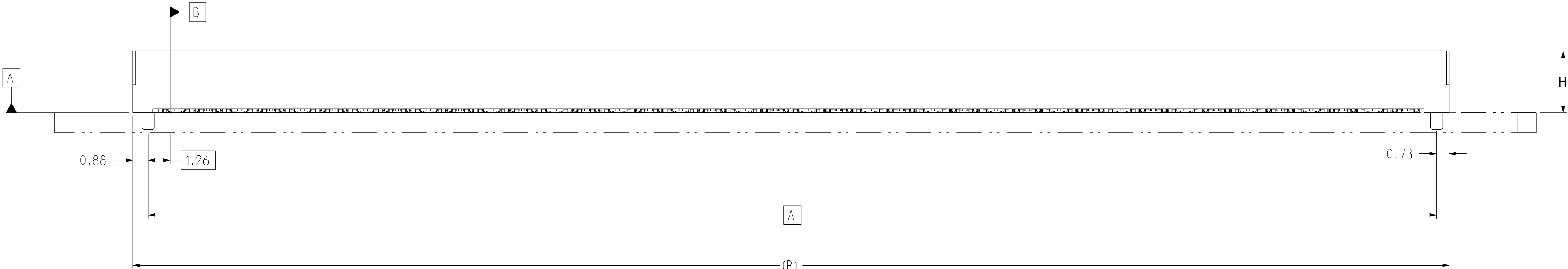
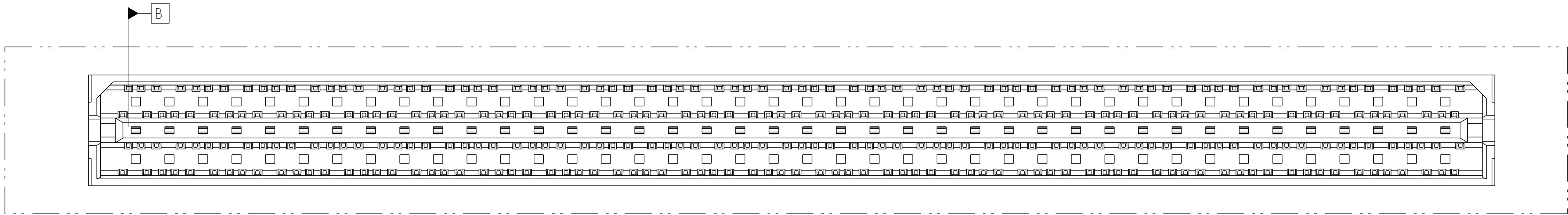
|                                                                                       |                                  |                                                                                                                               |                 |
|---------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------|
|  |                                  | <b>AMPHENOL INTERCON SYSTEMS INC.</b><br><b>825 OLD TRAIL RD, SUITE A</b><br><b>ETTERS, PA 17319</b><br><b>(717) 915-1400</b> |                 |
| TITLE:<br><br><b>VERTICAL PLUG ASSEMBLY<br/>STACKER, LYNX QD</b>                      |                                  |                                                                                                                               |                 |
| SIZE<br><b>D</b>                                                                      | DRAWING NO.<br><br><b>13423C</b> |                                                                                                                               | REV<br><b>D</b> |
| SCALE: 3/1                                                                            |                                  | DWG TYPE: CUSTOMER USE                                                                                                        | SHEET: 1 OF 4   |

REGULAR VERSION ASSEMBLY



80-POSITION SHOWN

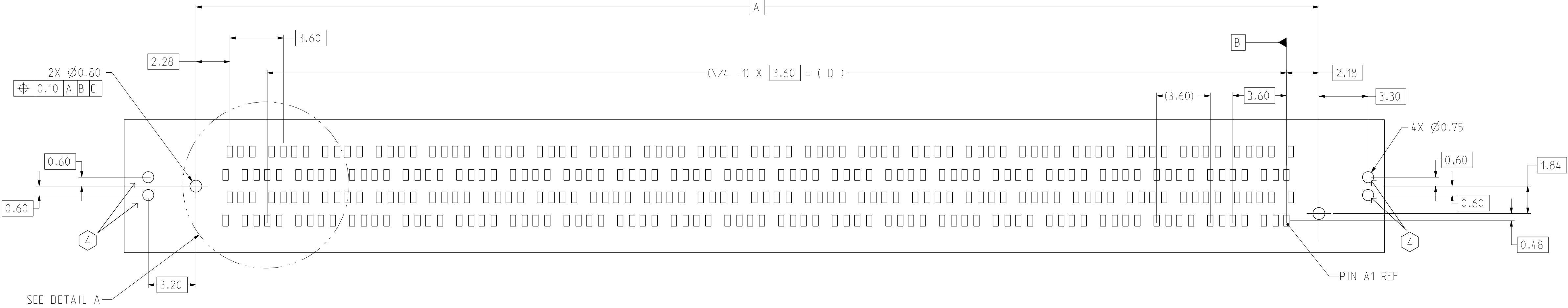
SHORT VERSION ASSEMBLY



80-POSITION SHOWN

| TABLE-5      |    |       |       |
|--------------|----|-------|-------|
| PART NUMBER  | N  | A     | D     |
| IC13423-X2XZ | 20 | 21.44 | 14.40 |
| IC13423-X4XZ | 40 | 39.37 | 32.40 |
| IC13423-X6XZ | 60 | 57.37 | 50.40 |
| IC13423-X8XZ | 80 | 75.37 | 68.40 |

REGULAR VERSION BOARD



SHORT VERSION BOARD

