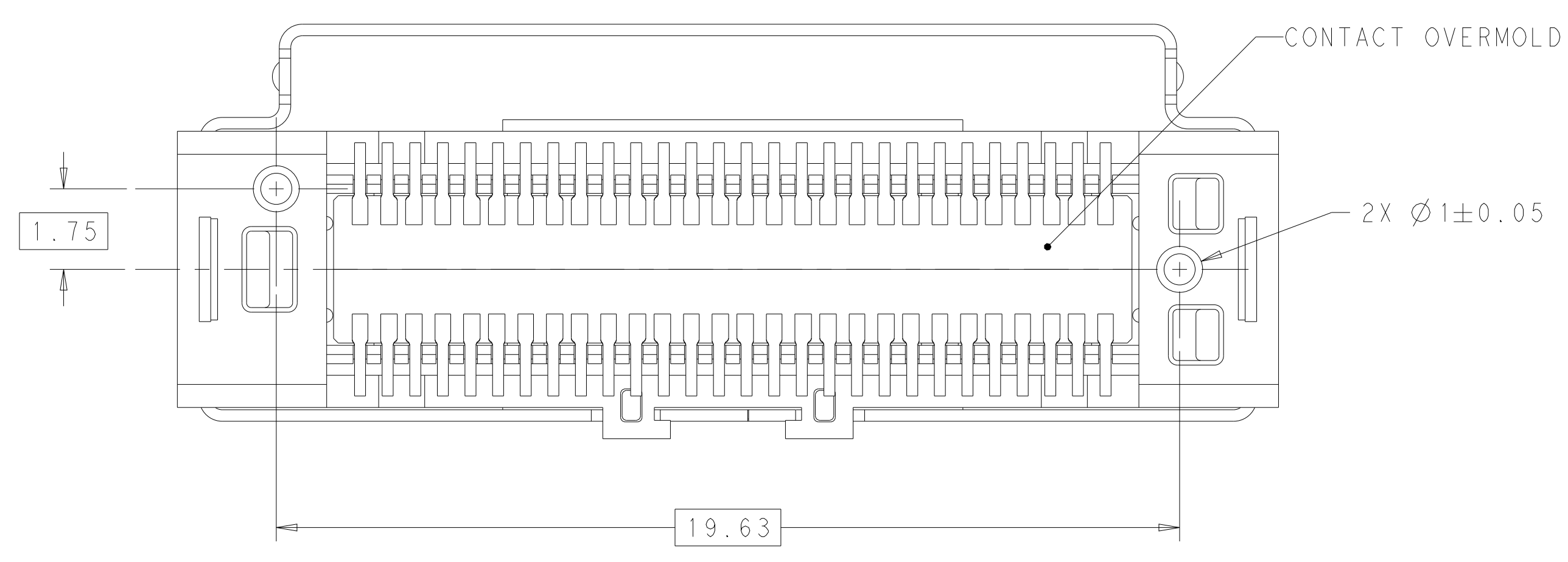
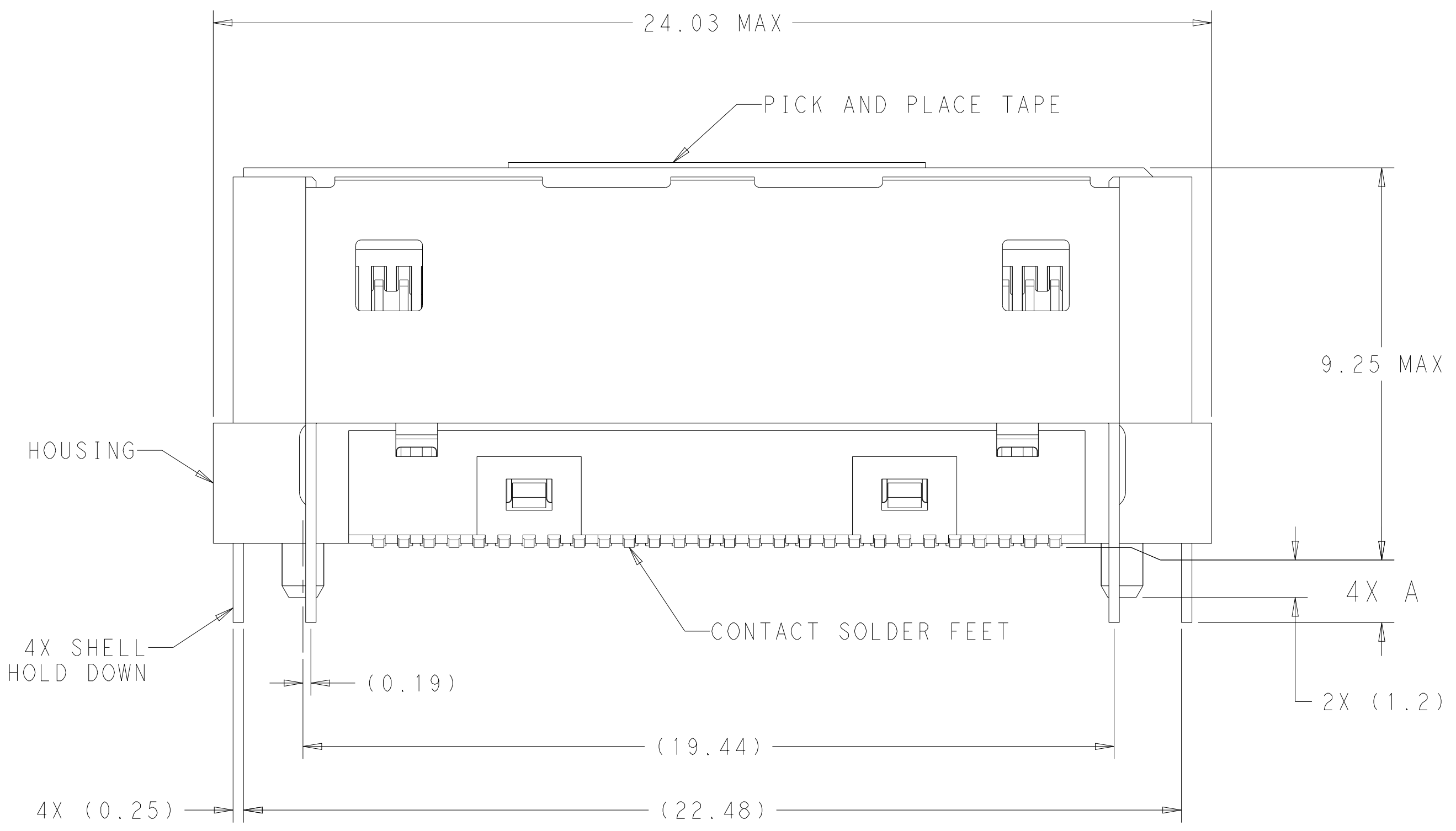
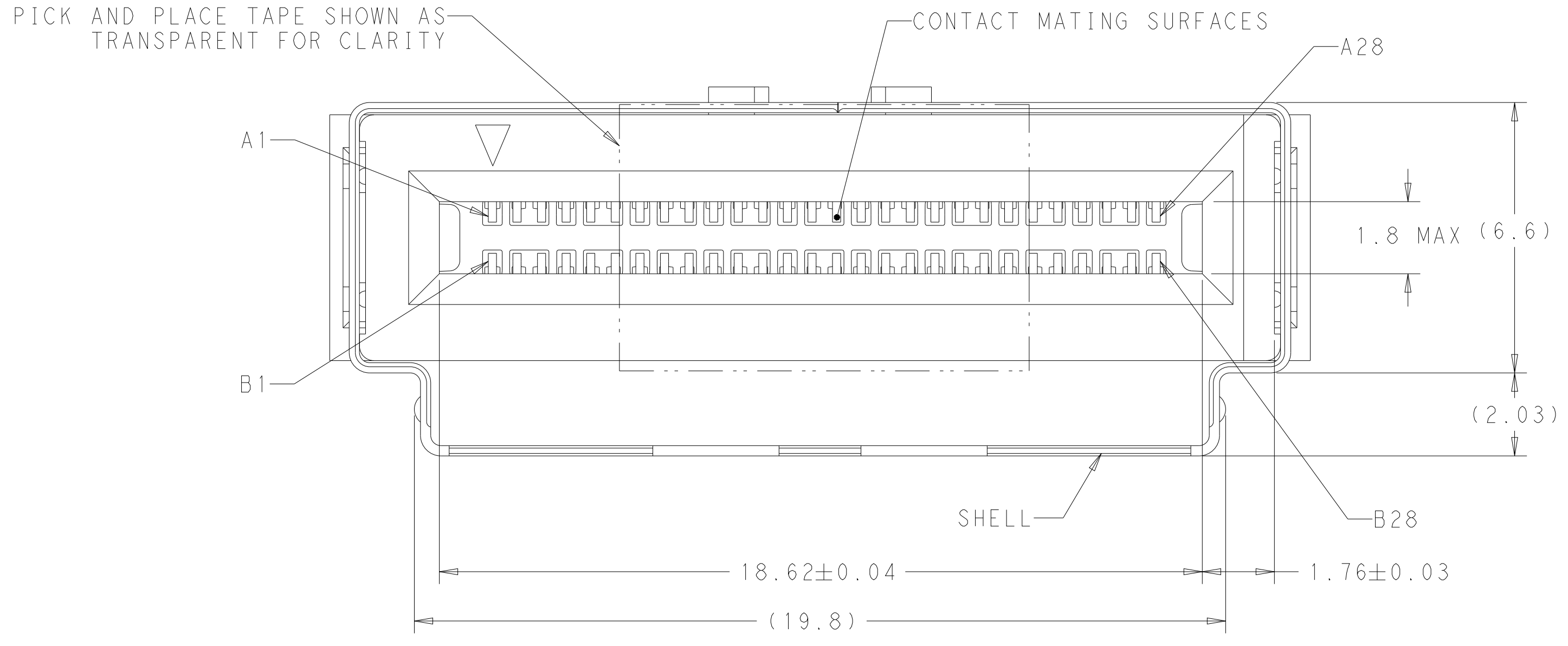
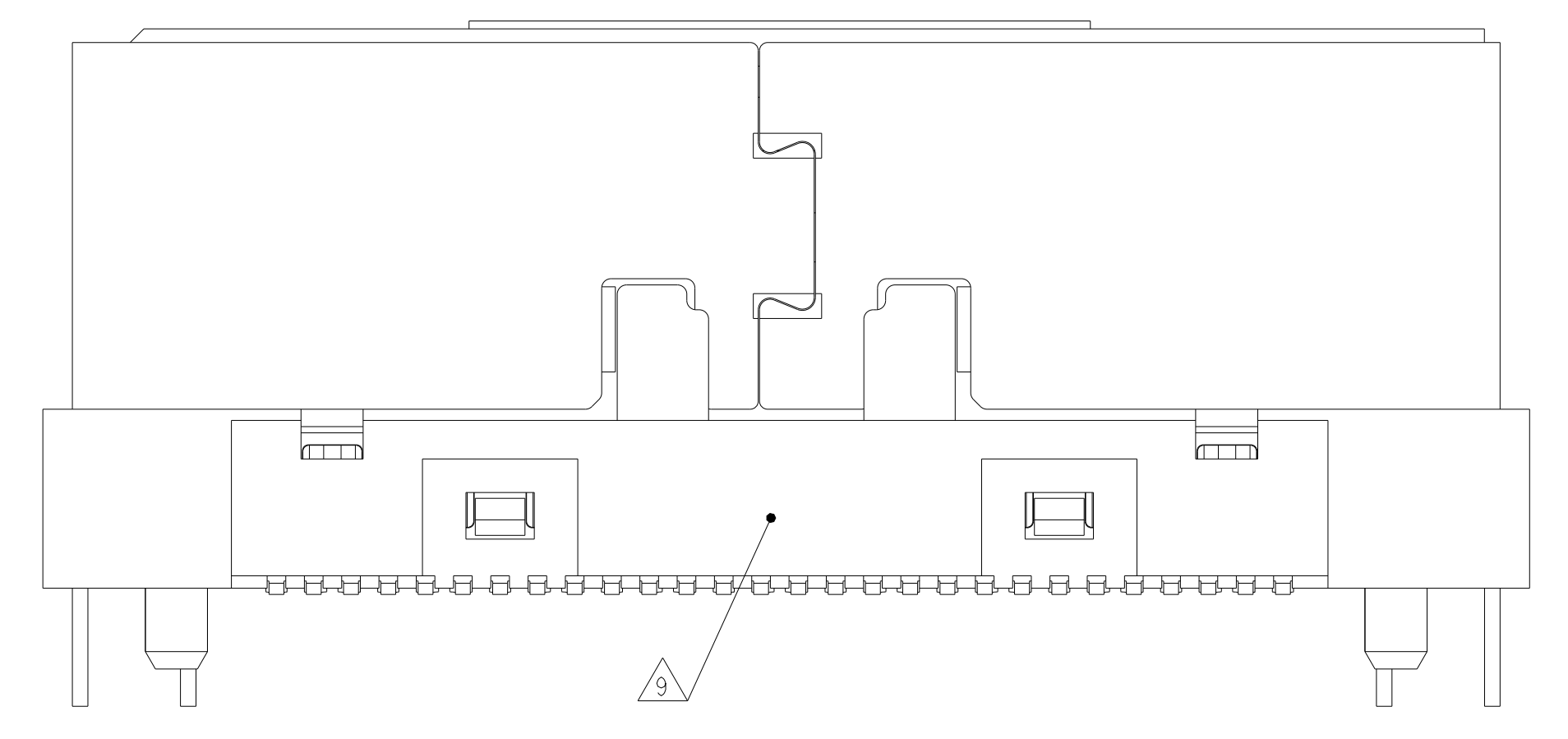
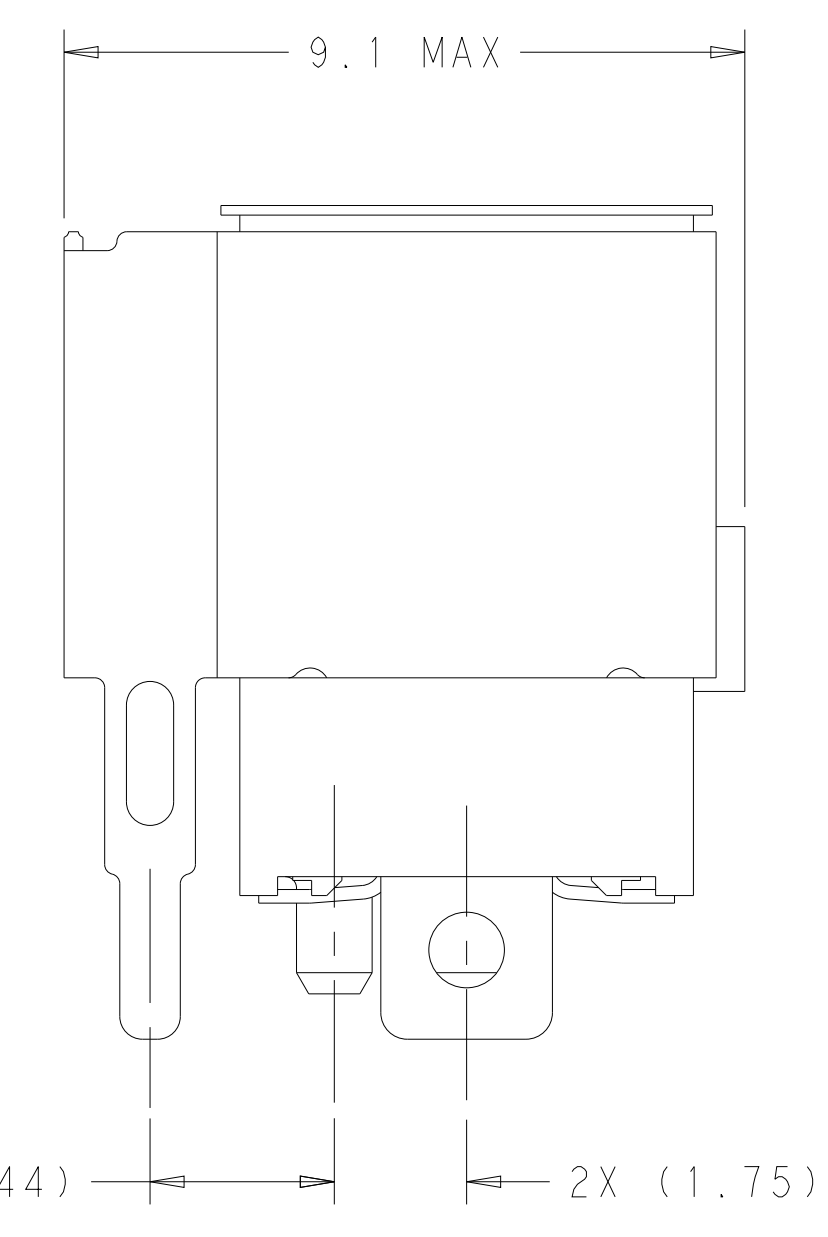


| REVISIONS | | | | | |
|-----------|-----|---------------------------|-----------|-----|------|
| P | LTN | DESCRIPTION | DATE | OWN | APVD |
| B | | REVISED PER ECO-19-014774 | 26SEP2019 | CJV | JW |
| C | | REVISED PER ECN-21-118918 | 25OCT2021 | TM | DZ |
| C1 | | REVISED PER ECN-22-180034 | 18OCT2022 | TM | DZ |
| C2 | | REVISED PER ECN-23-221785 | 13JUL2023 | JG | DZ |



- 1 HOUSING - LCP, UL94V-0, BLACK. CONTACT OVERMOLDS - LCP, UL94V-0, BLACK. SHELL, CONTACTS, HOLD DOWNS - COPPER ALLOY. PICK AND PLACE TAPE - POLYIMIDE FILM.
- 2 CONTACTS - GOLD PLATE ON MATING SURFACES, TIN PLATE ON SOLDER FEET. HOLD DOWNS - TIN PLATE. SHELL - NICKEL PLATE, TIN PLATE ON HOLD DOWNS.
- 3 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4. MINIMUM HOST PCB THICKNESS: 1.5.
- 5 SEE MSA SPECIFICATION FOR ADDITIONAL PADDLE CARD LAYOUTS COMPATIBLE WITH THIS RECEPTACLE AND FOR OPTIONAL SPLIT CONTACT PAD LAYOUTS FOR THE PADDLE CARD. SPECIFICATION PINOUT MAY ALSO DESIGNATE PAD SEQUENCE DIFFERENT FROM ILLUSTRATION.

- 6 POSITIONS DESIGNATED AS "SIGNAL" ARE REQUIRED LOCATIONS FOR HIGH SPEED DIFFERENTIAL PAIR SIGNALING. THESE LOCATIONS MAY ALSO BE USED FOR SUPPORTING SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES. POSITIONS DESIGNATED AS "GROUND" ARE REQUIRED WHEN SUPPORTING HIGH SPEED DIFFERENTIAL SIGNALS. THESE LOCATIONS MAY ALSO BE USED FOR SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES.
- 7 RECOMMENDED COMPONENT AND TRACE KEEP OUT AREA. EACH EDGE 0.15 MIN FROM EDGE OF HOLE.
- 8 TAPE AND REEL PACKAGED FOR PICK AND PLACE SMT PROCESSING, SEE FIGURE 1. POCKET TAPE: WIDTH = 44.
- 9 PERMANENTLY MARK AND DATE CODE (YYWWDD) APPROXIMATELY WHERE SHOWN.



| | | | | | | |
|---------|---------------|-------------------|---------------|---------------------|---------------|-------------|
| 3.1±0.1 | 0.76µm Au | 20 | 250 | YES | 200 | 2-2332141-0 |
| 1.2±0.1 | 0.76µm Au | 24 | 250 | NO | 200 | 1-2332141-6 |
| | 0.38µm Au | | | | 100 | 1-2332141-5 |
| 1.8±0.1 | 0.76µm Au | 24 | 250 | NO | 200 | 1-2332141-3 |
| | 0.38µm Au | | | | 100 | 1-2332141-2 |
| 1.2±0.1 | 0.76µm Au | 20 | 300 | YES | 200 | 2332141-6 |
| | 0.38µm Au | | | | 100 | 2332141-5 |
| 1.8±0.1 | 0.76µm Au | 20 | 300 | YES | 200 | 2332141-3 |
| | 0.38µm Au | | | | 100 | 2332141-2 |
| A | FLASH Au/PdNi | | | | 50 | 2332141-1 |
| | PLATING | POCKET TAPE PITCH | REEL QUANTITY | PICK AND PLACE TAPE | MATING CYCLES | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

OWN: B. MATTHEWS, 27MAR2018
 CHK: D. HARMON, 27MAR2018
 APVD: D. HARMON, 27MAR2018

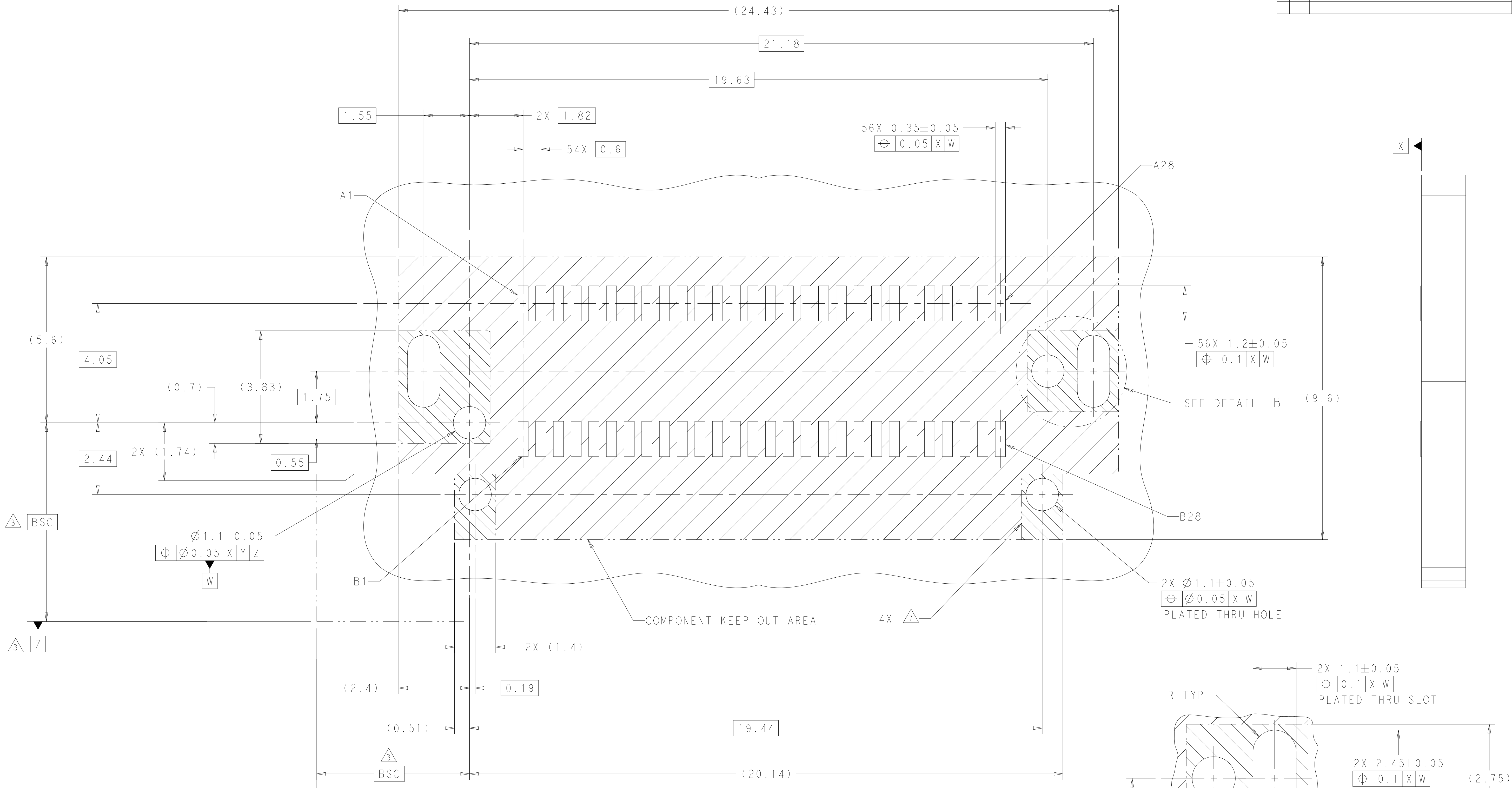
DIMENSIONS: mm
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±
 1 PLC ±
 2 PLC ±
 3 PLC ±
 4 PLC ±
 ANGLES ±
 MATERIAL:

TE Connectivity
 RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0

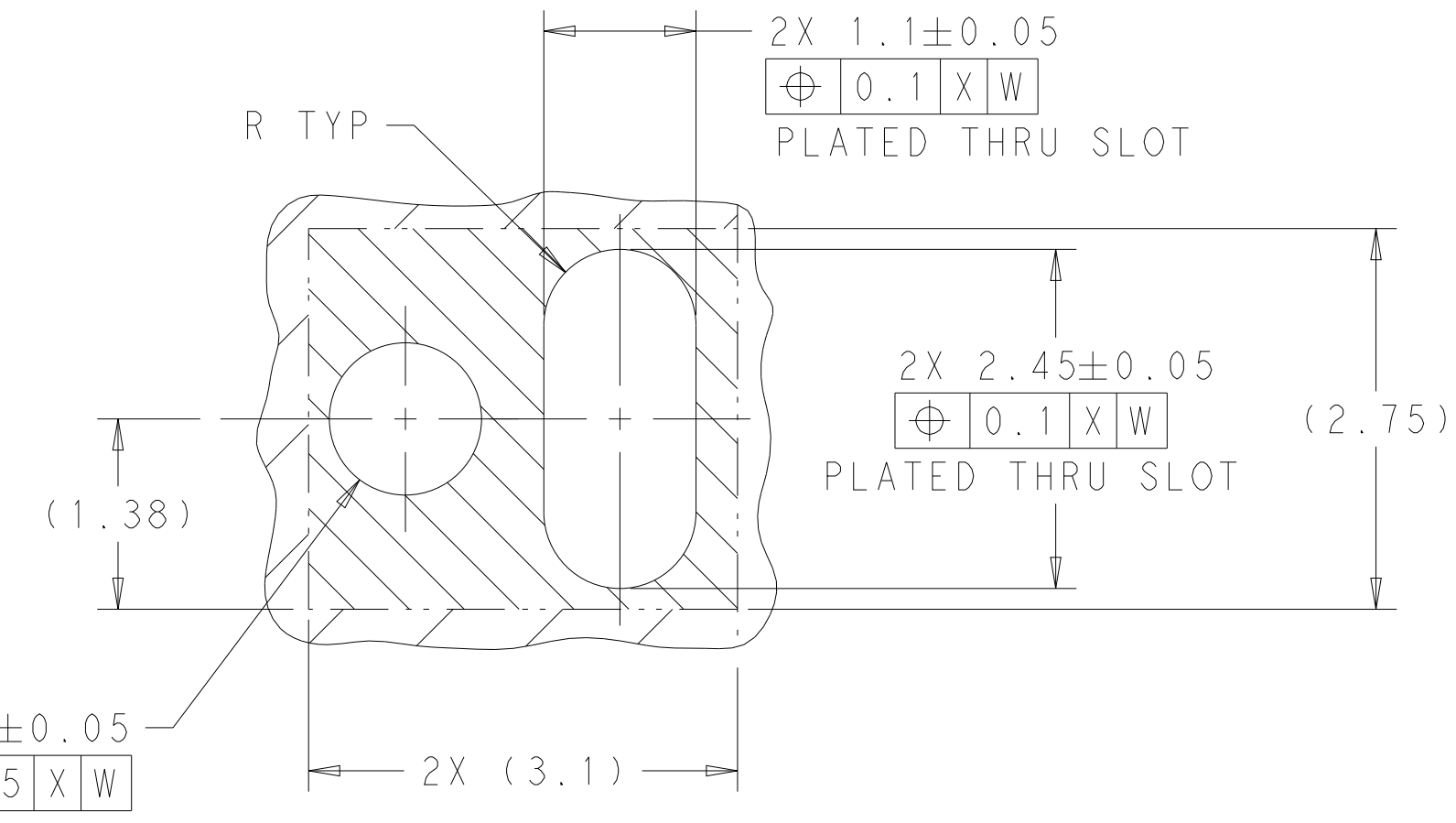
SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 2332141
 RESTRICTED TO:

CUSTOMER DRAWING
 SCALE: 10:1
 SHEET: 1 OF 4
 REV: C2

| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTN | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |



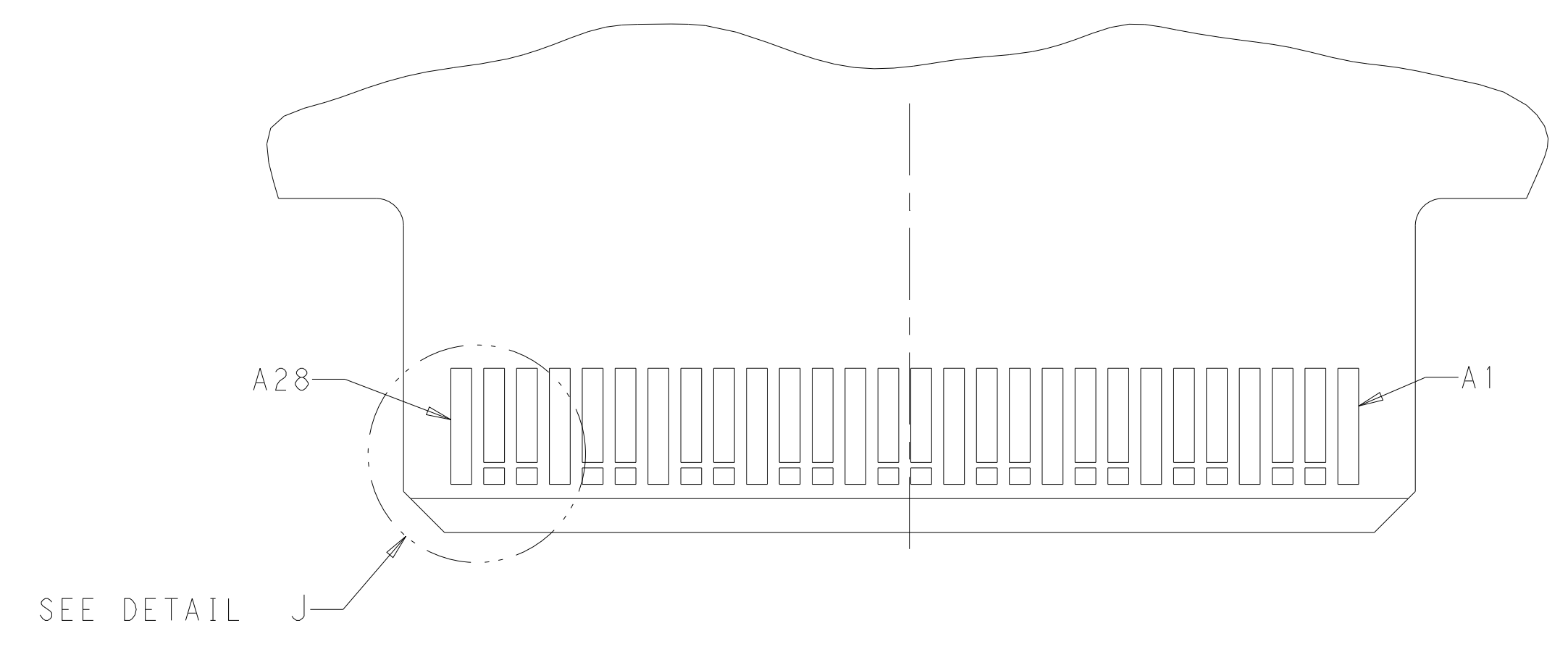
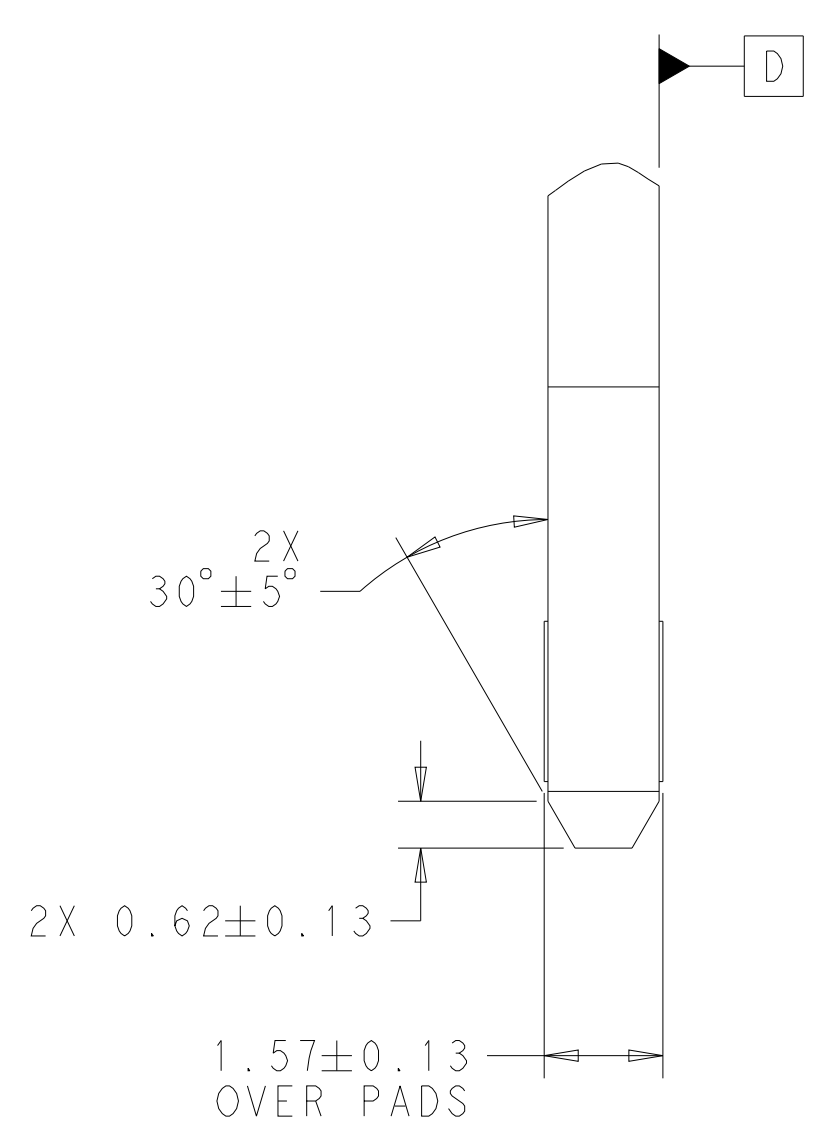
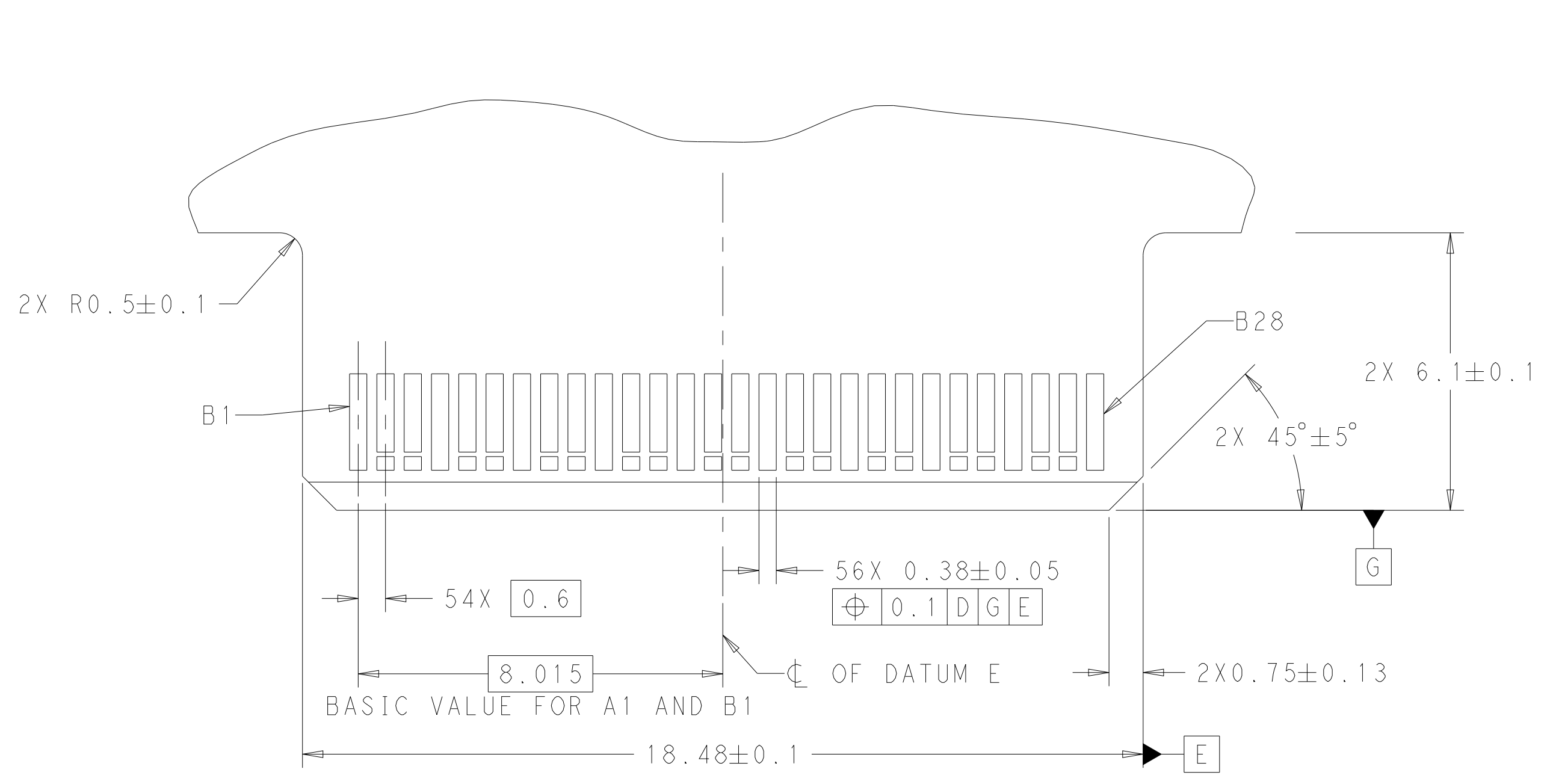
RECOMMENDED PCB LAYOUT
 AND KEEP OUT AREA
 SCALE 15:1



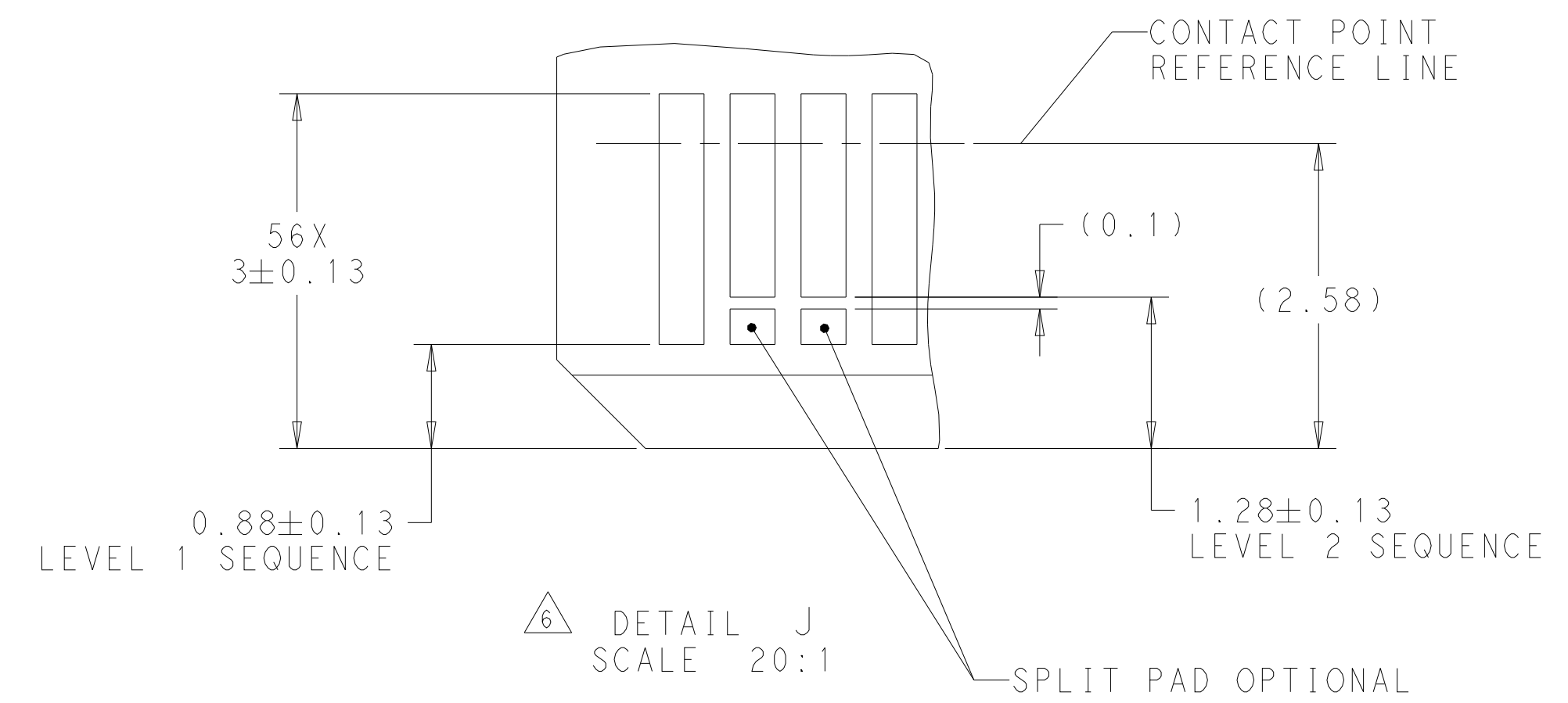
DETAIL B
 SCALE 20:1

| | | | |
|--|--|---------------------------------|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN B. MATTHEWS 27MAR2018 | TE Connectivity |
| DIMENSIONS: | | CHK D. HARMON 27MAR2018 | |
| mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD D. HARMON 27MAR2018 | NAME RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0 |
| | 0 PLC ± | PRODUCT SPEC | SIZE CAGE CODE DRAWING NO |
| | 1 PLC ± | 108-130021 | A100779C=2332141 |
| | 2 PLC ± | APPLICATION SPEC | RESTRICTED TO |
| | 3 PLC ± | 114-130015 | SCALE 10:1 SHEET 2 OF 4 REV C2 |
| | 4 PLC ± | WEIGHT | CUSTOMER DRAWING |
| | ANGLES ± | | |
| MATERIAL FINISH | | | |

| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTN | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |



RECOMMENDED PCB OUTLINE DIMENSIONS.
 TOLERANCE VALUES ARE CRITICAL. PLEASE BE SURE TO DESIGNATE
 TOLERANCES TO PCB SUPPLIER TO ENSURE OPTIMIZED FUNCTIONALITY.



DETAIL J
 SCALE 20:1

| | | | |
|--|---|----------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | OWN: B. MATTHEWS 27MAR2018 | TE Connectivity |
| DIMENSIONS: mm | | CHK: D. HARMON 27MAR2018 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD: D. HARMON 27MAR2018 | NAME: RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0 |
| 0 PLC | ± | PRODUCT SPEC | 108-130021 |
| 1 PLC | ± | APPLICATION SPEC | 114-130015 |
| 2 PLC | ± | SIZE | A100779 |
| 3 PLC | ± | CAGE CODE | C=2332141 |
| 4 PLC | ± | DRAWING NO | 2332141 |
| ANGLES | ± | RESTRICTED TO | - |
| FINISH | ± | SCALE | 10:1 |
| MATERIAL | ± | WEIGHT | - |
| CUSTOMER DRAWING | | SHEET | 3 OF 4 |
| | | REV | C2 |

| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTN | DESCRIPTION | DATE | APVD |
| - | | SEE SHEET 1 | - | - |
| | | | | |
| | | | | |

TABLE 1: CONNECTOR CONTACT IDENTIFICATION 

| CONTACT NUMBER | SIDE A | SIDE B |
|----------------|--------|--------|
| 1 | GROUND | GROUND |
| 2 | SIGNAL | SIGNAL |
| 3 | SIGNAL | SIGNAL |
| 4 | GROUND | GROUND |
| 5 | SIGNAL | SIGNAL |
| 6 | SIGNAL | SIGNAL |
| 7 | GROUND | GROUND |
| 8 | SIGNAL | SIGNAL |
| 9 | SIGNAL | SIGNAL |
| 10 | GROUND | GROUND |
| 11 | SIGNAL | SIGNAL |
| 12 | SIGNAL | SIGNAL |
| 13 | GROUND | GROUND |
| 14 | SIGNAL | SIGNAL |
| 15 | SIGNAL | SIGNAL |
| 16 | GROUND | GROUND |
| 17 | SIGNAL | SIGNAL |
| 18 | SIGNAL | SIGNAL |
| 19 | GROUND | GROUND |
| 20 | SIGNAL | SIGNAL |
| 21 | SIGNAL | SIGNAL |
| 22 | GROUND | GROUND |
| 23 | SIGNAL | SIGNAL |
| 24 | SIGNAL | SIGNAL |
| 25 | GROUND | GROUND |
| 26 | SIGNAL | SIGNAL |
| 27 | SIGNAL | SIGNAL |
| 28 | GROUND | GROUND |

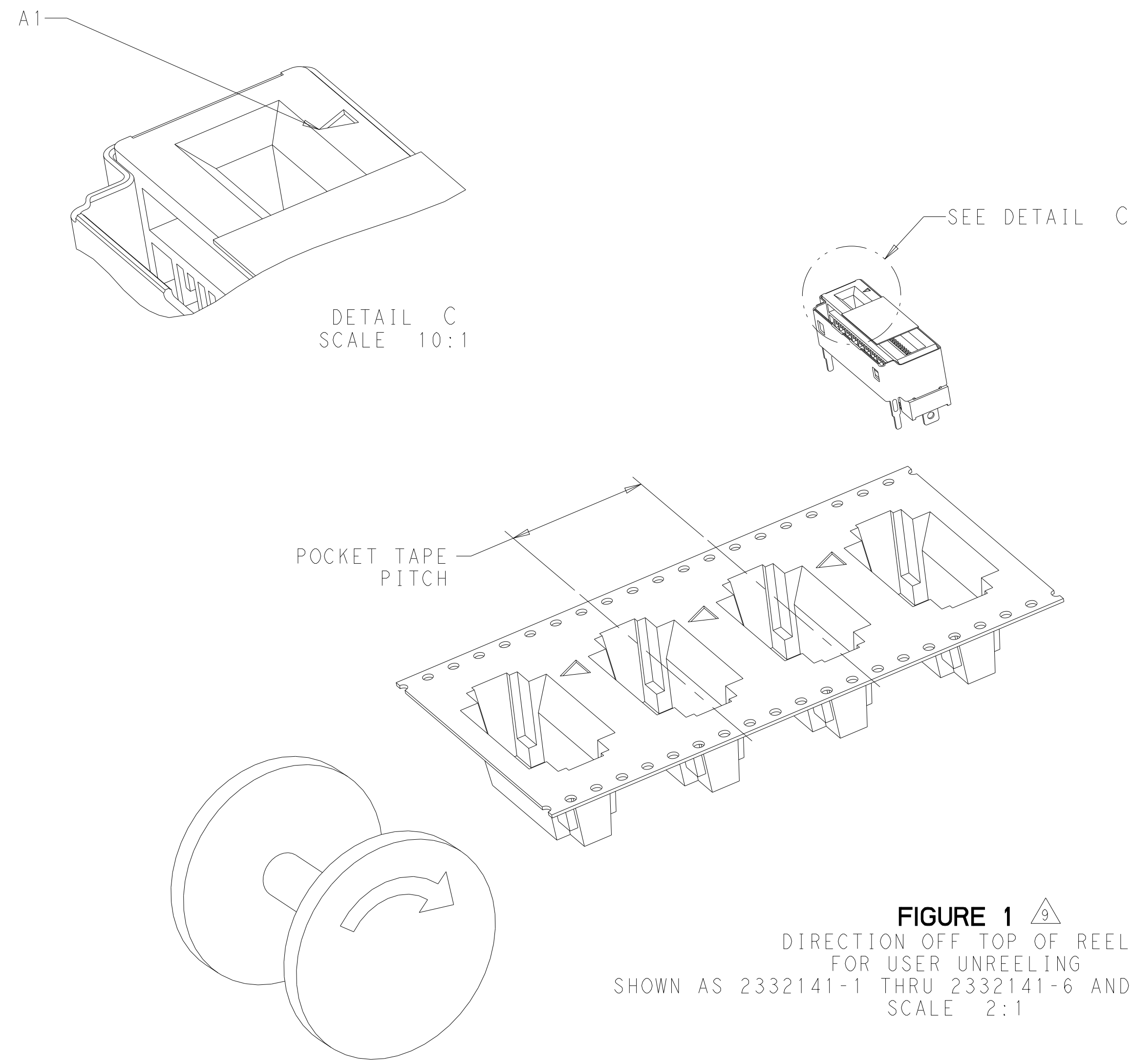




FIGURE 1 
 DIRECTION OFF TOP OF REEL
 FOR USER UNREELING
 SHOWN AS 2332141-1 THRU 2332141-6 AND 2-2332141-0
 SCALE 2:1

| | | | |
|--|---|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN B. MATTHEWS 27MAR2018 CHK D. HARMON 27MAR2018 APVD D. HARMON 27MAR2018 |  TE Connectivity |
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±. 2 PLC ±. 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH | NAME RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0 PRODUCT SPEC 108-130021 APPLICATION SPEC 114-130015 WEIGHT - | |
| MATERIAL | | CUSTOMER DRAWING | SIZE A1 CAGE CODE 00779 DRAWING NO. C=2332141 RESTRICTED TO - SCALE 10:1 SHEET 4 OF 4 REV C2 |