

| REVISIONS | | | | | |
|-----------|-----|---------------------------|-----------|-----|------|
| # | LYR | DESCRIPTION | DATE | DWN | APVD |
| A | | RELEASED | 11MAY2019 | CJV | JW |
| B | | REVISED PER ECO-19-011736 | 07AUG2019 | AP | JW |
| C | | REVISED PER ECO-20-015351 | 28OCT2020 | TX | DZ |
| | | | | | |

△ HOUSING AND CONTACT OVERMOLDS - LCP, UL94-V0, BLACK.
CONTACTS AND HOLD DOWNS - COPPER ALLOY.
PICK AND PLACE TAPE - POLYIMIDE FILM.

△ CONTACTS - GOLD PLATE ON MATING SURFACES,
TIN PLATE ON SOLDER FEET.
HOLD DOWNS - TIN PLATE.

△ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

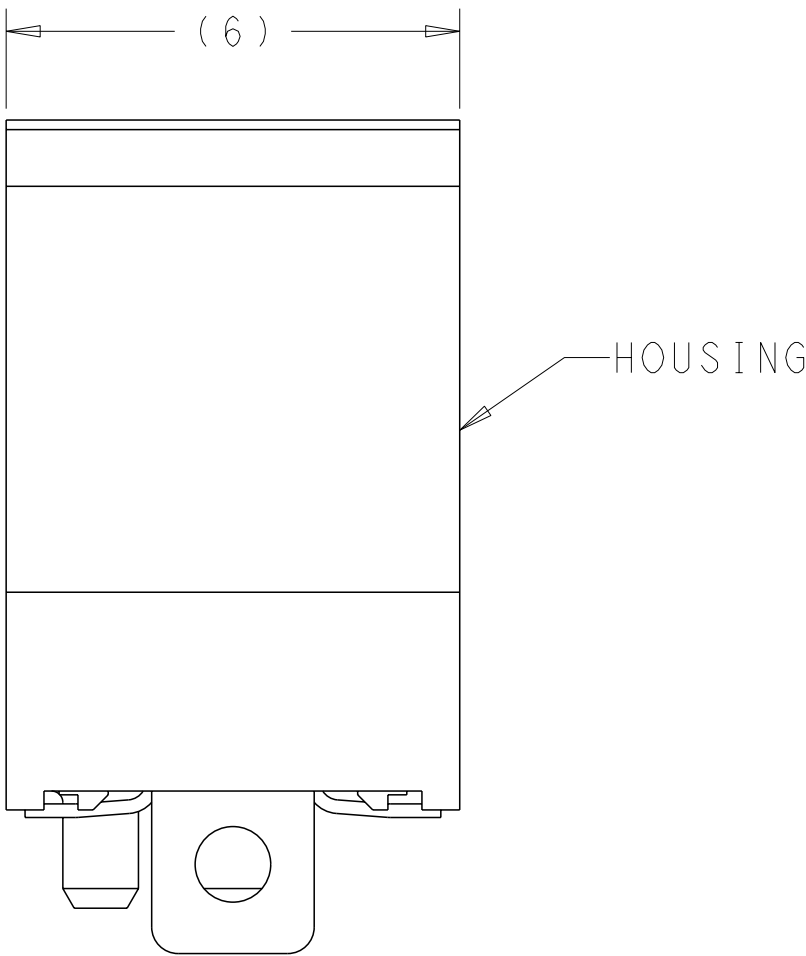
4. MINIMUM HOST PCB THICKNESS: 1.5.

△ SEE MSA SPECIFICATION FOR ADDITIONAL PADDLE CARD
LAYOUTS COMPATABLE WITH THIS RECEPTACLE AND FOR
OPTIONAL SPLIT CONTACT PAD LAYOUTS FOR THE
PADDLE CARD. SPECIFICATION PINOUT MAY ALSO
DESIGNATE PAD SEQUENCE DIFFERENT FROM ILLUSTRATION.




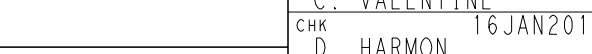
△ POSITIONS DESIGNATED AS "SIGNAL" ARE REQUIRED
LOCATIONS FOR HIGH SPEED DIFFERENTIAL PAIR
SIGNALING. THESE LOCATIONS MAY ALSO BE USED FOR
SUPPORTING SIDEBAND SIGNALS OR OTHER UTILITY
PURPOSES. POSITIONS DESIGNATED AS "GROUND" ARE
REQUIRED WHEN SUPPORTING HIGH SPEED DIFFERENTIAL
SIGNALS. THESE LOCATIONS MAY ALSO BE USED FOR
SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES.

△ COMPONENT AND TRACE KEEP OUT AREA. EACH EDGE
0.15 MIN FROM EDGE OF HOLE.

△ TAPE AND REEL PACKAGED FOR PICK AND PLACE SMT
PROCESSING, SEE FIGURE 1. POCKET TAPE WIDTH = 56.

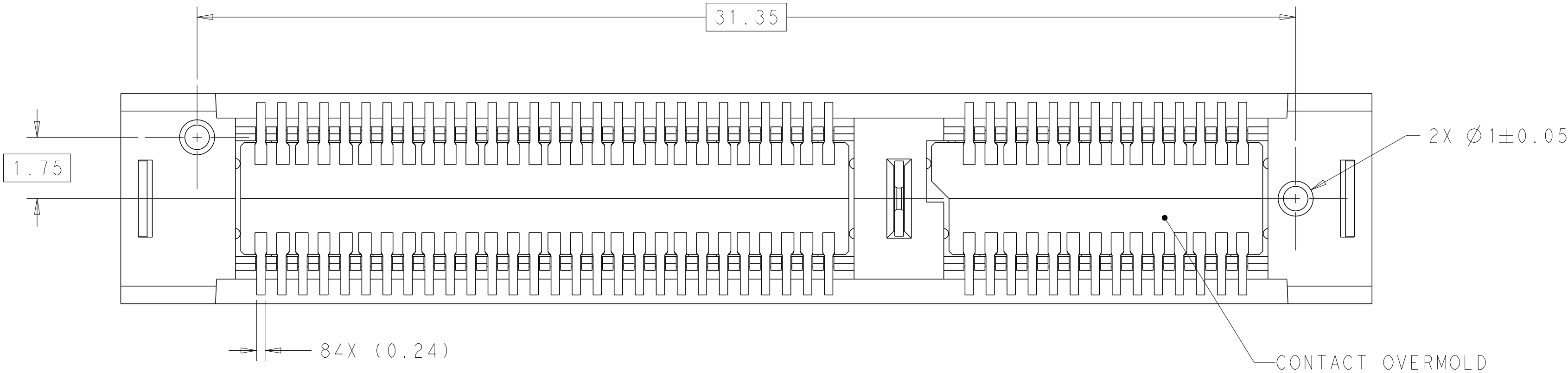
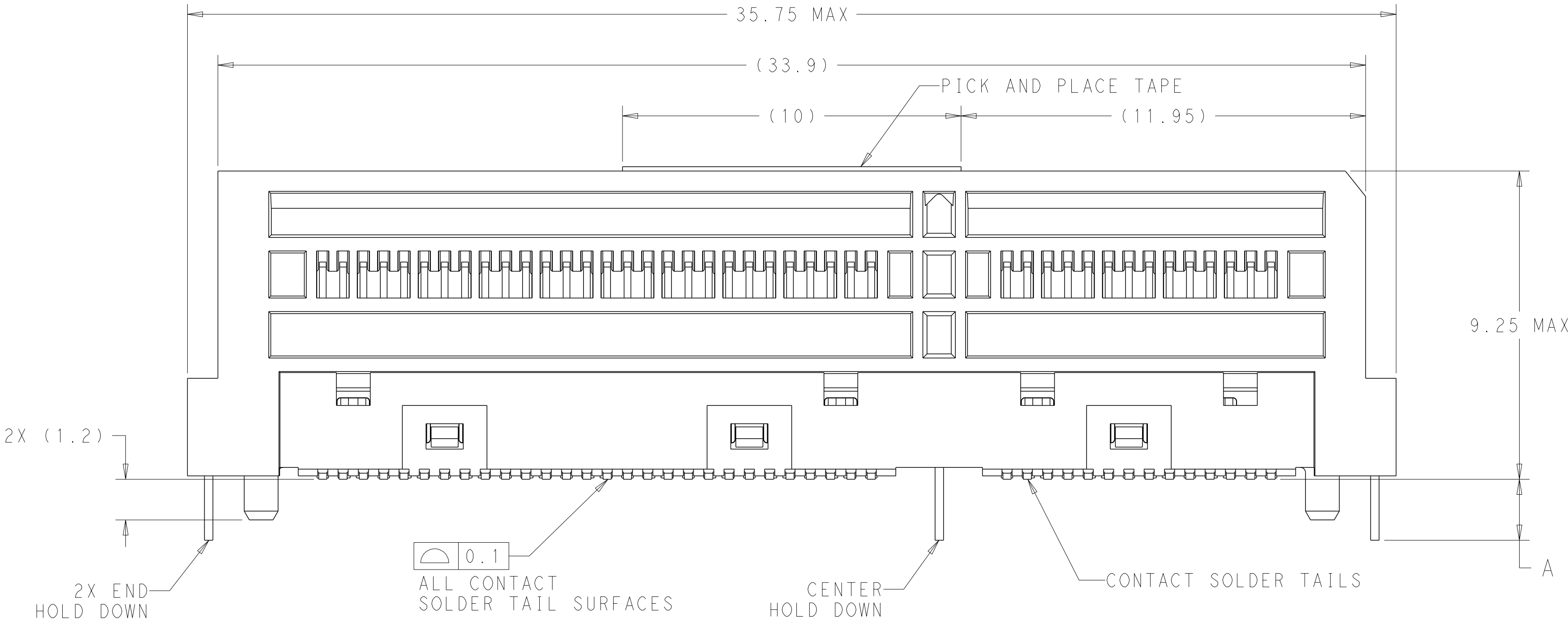
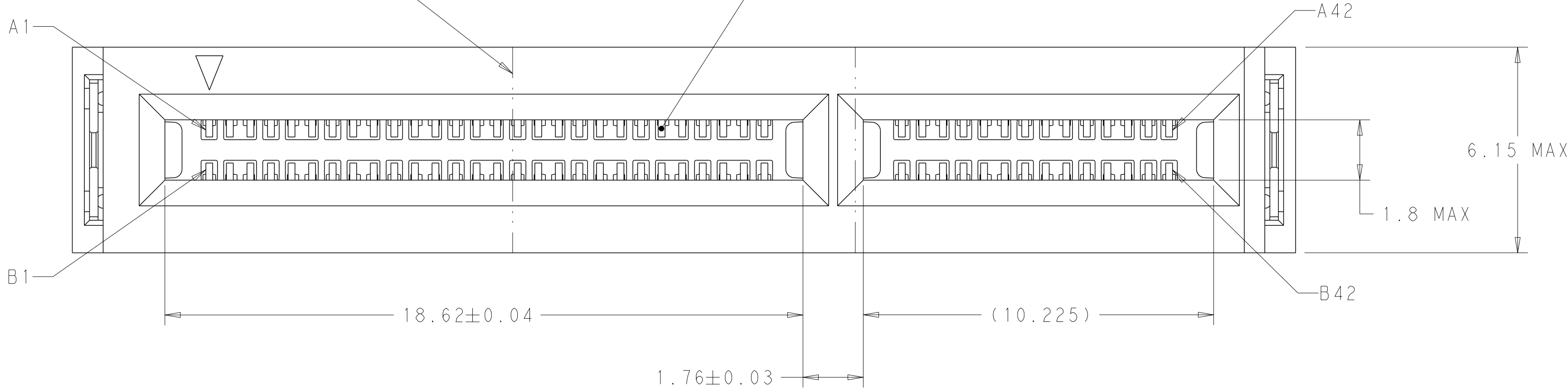


SEE SHEET 4
FOR PART TABLE

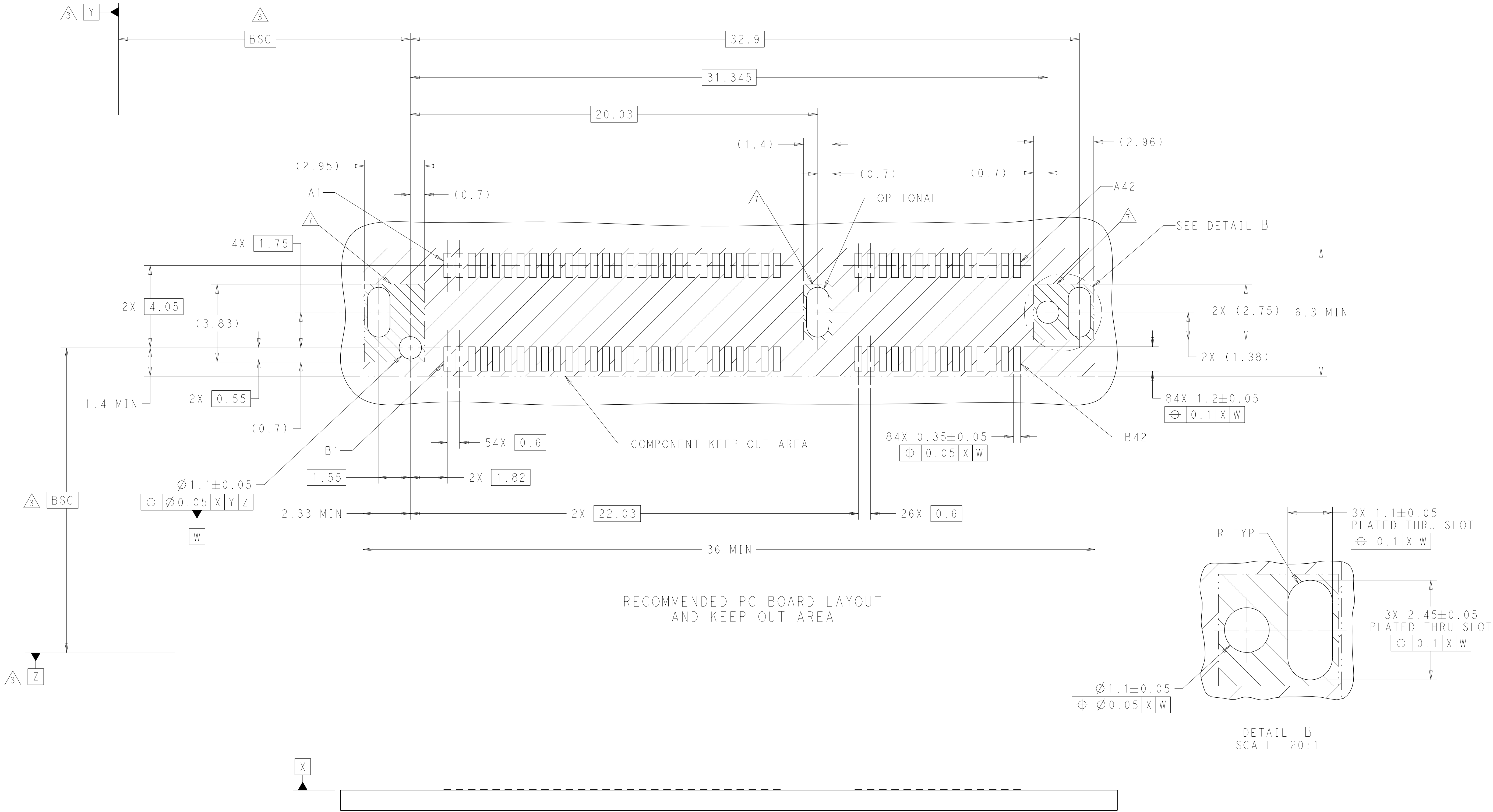
| | | | | | |
|---|---|--|---|---|-------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C. VALENTINE 16JAN2018 |  TE Connectivity | | |
| | | CHK D. HARMON 16JAN2018 | | | |
| DIMENSIONS: mm |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ± | NAME D. HARMON 16JAN2018 | RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0 | |
| | | | PRODUCT SPEC 108-130021 | | |
| MATERIAL  |  | | APPLICATION SPEC 114-130008 | RESTRICTED TO - | |
| | | | WEIGHT - | | SIZE A 1 |
| CUSTOMER DRAWING | | | SCALE 10:1 | | |
| | | | SHEET 1 | | |
| | | | OF 4 | | |
| | | | REV C | | |

PICK AND PLACE TAPE SHOWN
AS TRANSPARENT FOR CLARITY

CONTACT MATING SURFACES

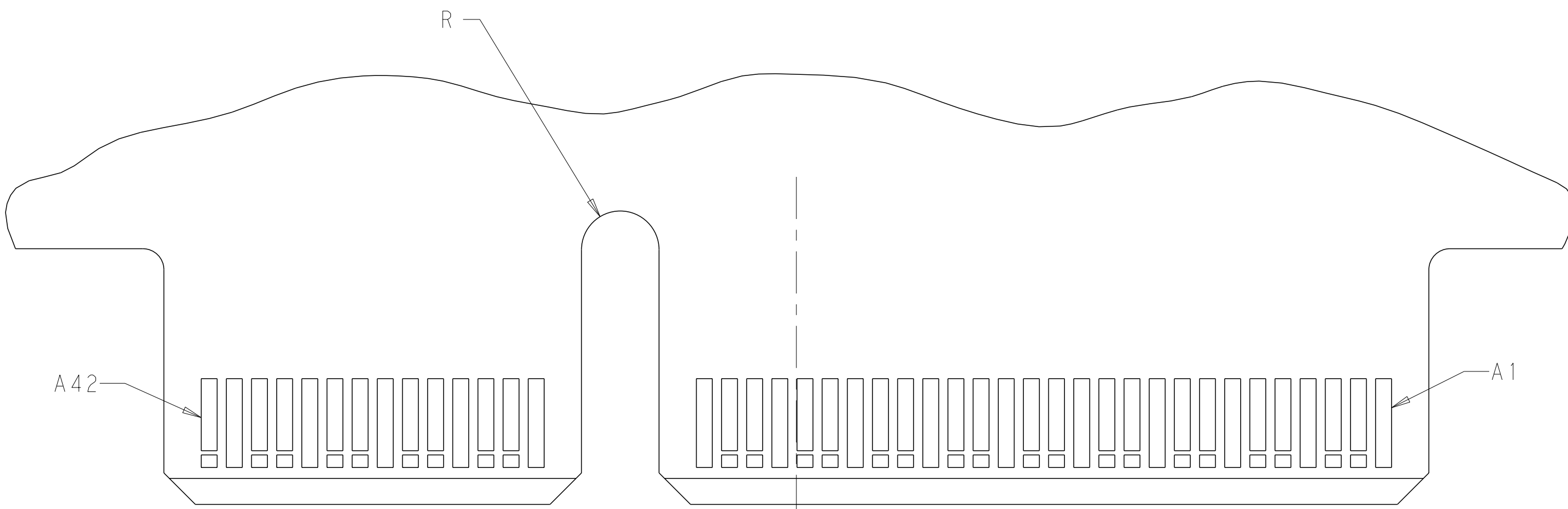
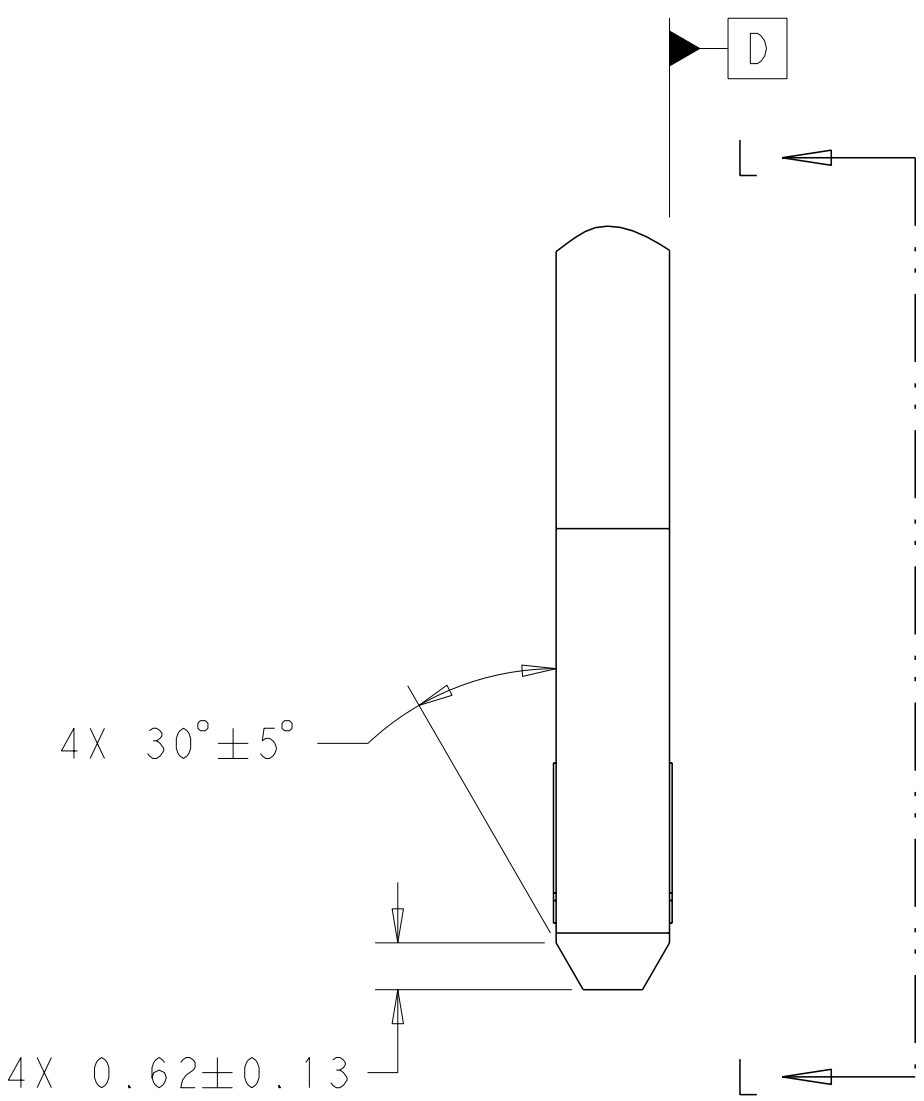
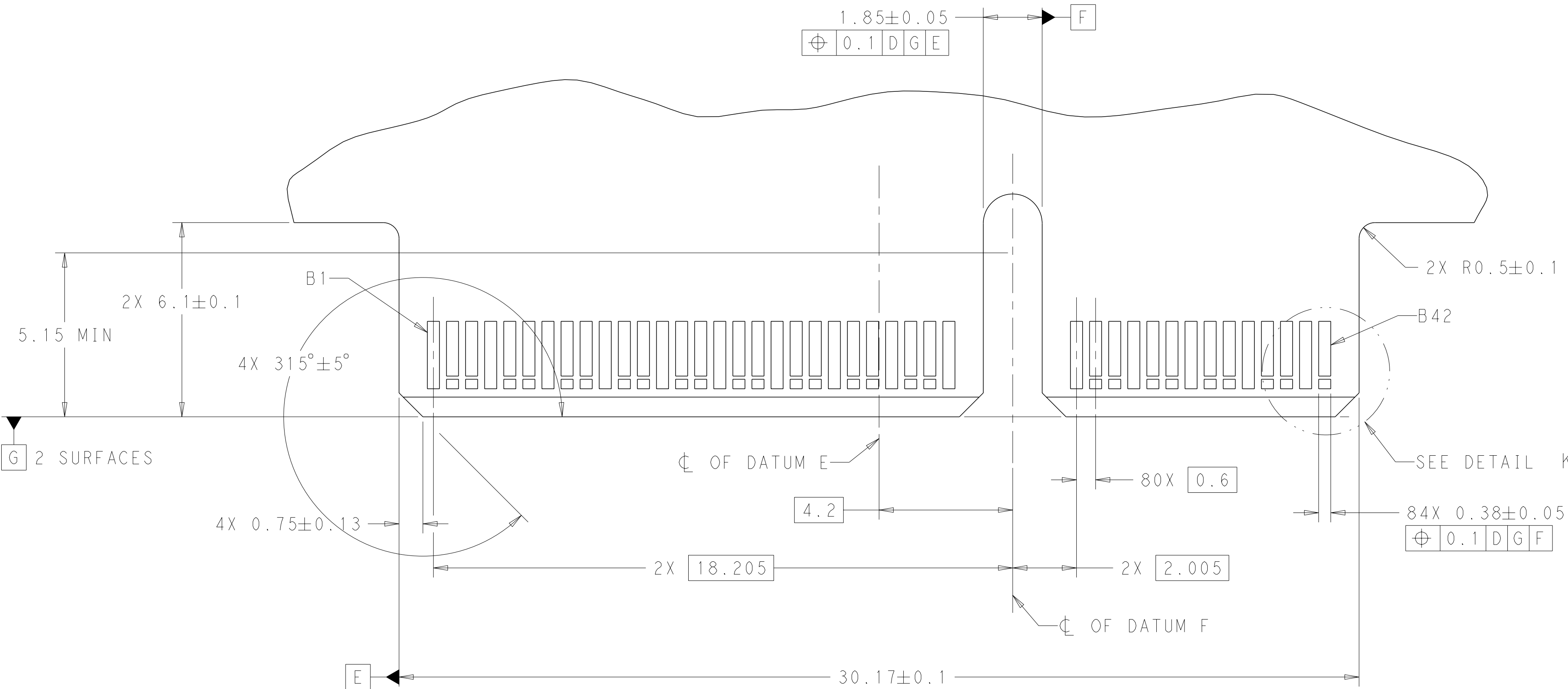


| REVISIONS | | | | | |
|-----------|-----|-------------|------|-----|------|
| # | LYR | DESCRIPTION | DATE | DWN | APVD |
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |
| | | | | | |

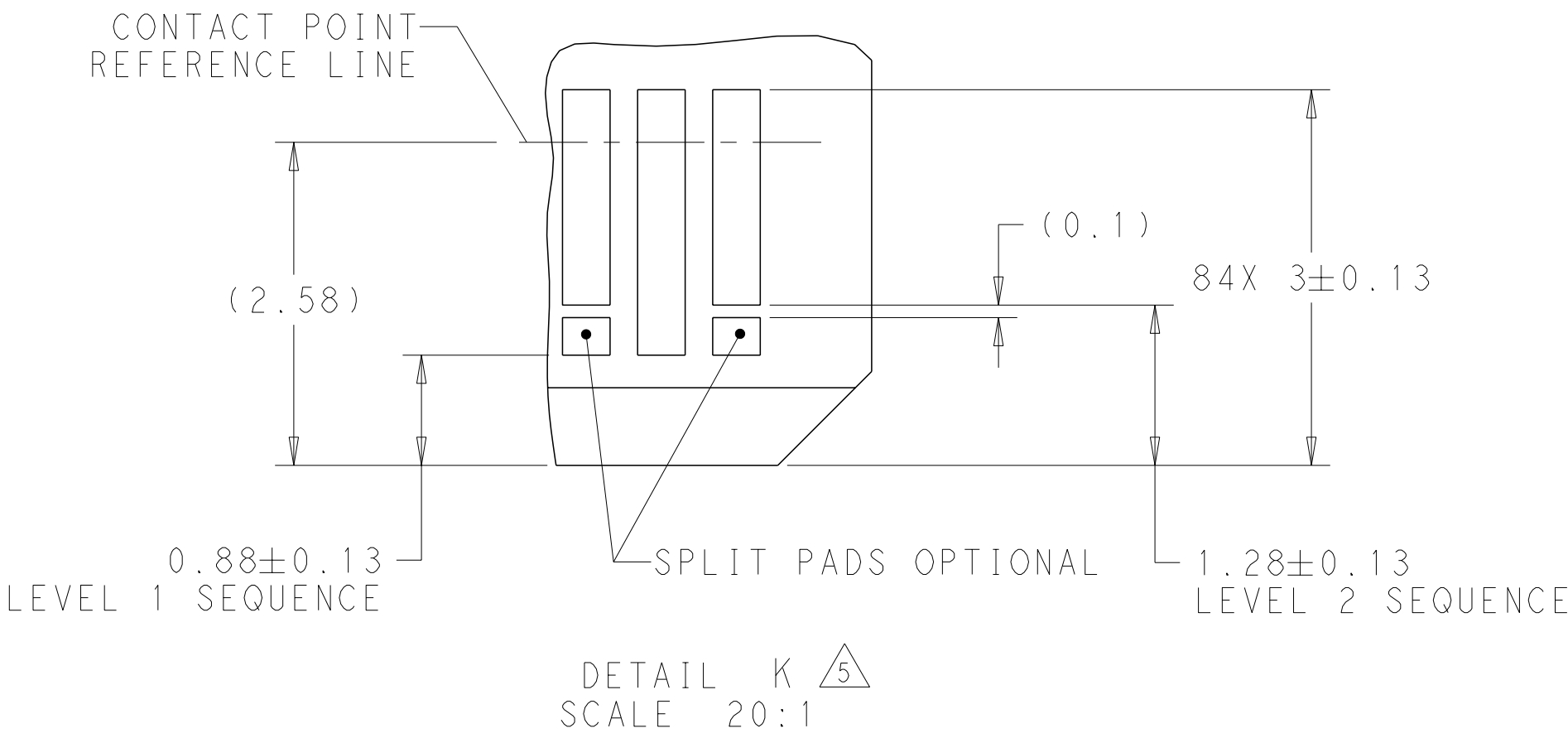


| REVISIONS | | | | | |
|-----------|-----|-------------|------|-----|------|
| # | LYR | DESCRIPTION | DATE | DWN | APVD |
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |
| | | | | | |

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



VIEW L-L



| | | | | |
|--|--|------------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN C. VALENTINE 16 JAN 2018 | TE Connectivity | |
| DIMENSIONS: | | CHK D. HARMON 16 JAN 2018 | | |
| mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | APVD D. HARMON 16 JAN 2018 | NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0 | |
| | 0 PLC ± | PRODUCT SPEC | SIZE | |
| | 1 PLC ± | 108-130021 | CAGE CODE | |
| | 2 PLC ± | APPLICATION SPEC | DRAWING NO | |
| | 3 PLC ± | 114-130008 | RESTRICTED TO | |
| MATERIAL | 4 PLC ± | WEIGHT | A1 | |
| | ANGLES | - | ©=2327678 | |
| FINISH | | CUSTOMER DRAWING | SCALE 10:1 | |
| | | | SHEET 3 OF 4 | |
| | | | REV C | |

| REVISIONS | | | | | |
|-----------|-----|-------------|------|-----|------|
| # | LYR | DESCRIPTION | DATE | DWN | APVD |
| | - | SEE SHEET 1 | - | - | - |
| | | | | | |
| | | | | | |
| | | | | | |

TABLE 1: CONNECTOR CONTACT IDENTIFICATION 56

| 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 |
| 29 | GROUND | GROUND |
| 30 | SIGNAL | SIGNAL |
| 31 | SIGNAL | SIGNAL |
| 32 | GROUND | GROUND |
| 33 | SIGNAL | SIGNAL |
| 34 | SIGNAL | SIGNAL |
| 35 | GROUND | GROUND |
| 36 | SIGNAL | SIGNAL |
| 37 | SIGNAL | SIGNAL |
| 38 | GROUND | GROUND |
| 39 | SIGNAL | SIGNAL |
| 40 | SIGNAL | SIGNAL |
| 41 | GROUND | GROUND |
| 42 | GROUND | GROUND |

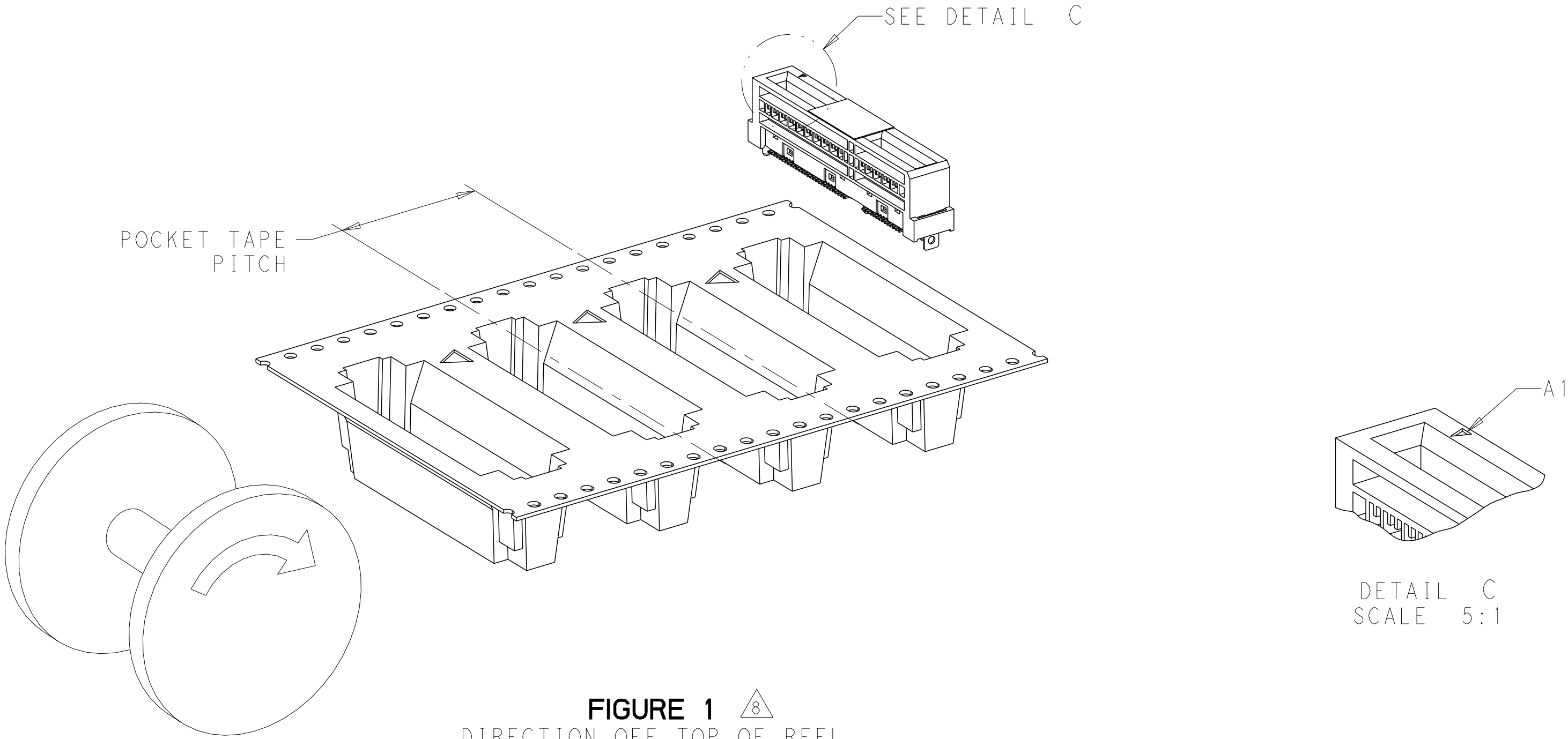


FIGURE 1 8
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2327678-1 THRU 2327678-9
SCALE 2:1

| | | | | | | | |
|---------|------------|---------------|-------------------|---------------|---------------------|---------------|-------------|
| 3.0±0.1 | ALL | 0.76µm Au | 20 | 250 | YES | 200 | 3-2327678-3 |
| 1.2±0.1 | ENDS | 0.76µm Au | 24 | 250 | NO | 200 | 1-2327678-9 |
| | | 0.38µm Au | | | | 100 | 1-2327678-8 |
| | | FLASH Au/PdNi | | | | 50 | 1-2327678-7 |
| 1.8±0.1 | ENDS | 0.76µm Au | 24 | 250 | NO | 200 | 1-2327678-6 |
| | | 0.38µm Au | | | | 100 | 1-2327678-5 |
| | | FLASH Au/PdNi | | | | 50 | 1-2327678-4 |
| 1.8±0.1 | ALL | 0.76µm Au | 24 | 250 | NO | 200 | 1-2327678-3 |
| | | 0.38µm Au | | | | 100 | 1-2327678-2 |
| | | FLASH Au/PdNi | | | | 50 | 1-2327678-1 |
| 1.2±0.1 | ENDS | 0.76µm Au | 20 | 350 | YES | 200 | 2327678-9 |
| | | 0.38µm Au | | | | 100 | 2327678-8 |
| | | FLASH Au/PdNi | | | | 50 | 2327678-7 |
| 1.8±0.1 | ENDS | 0.76µm Au | 20 | 350 | YES | 200 | 2327678-6 |
| | | 0.38µm Au | | | | 100 | 2327678-5 |
| | | FLASH Au/PdNi | | | | 50 | 2327678-4 |
| 1.8±0.1 | ALL | 0.76µm Au | 20 | 350 | YES | 200 | 2327678-3 |
| | | 0.38µm Au | | | | 100 | 2327678-2 |
| | | FLASH Au/PdNi | | | | 50 | 2327678-1 |
| A | HOLD DOWNS | PLATING | POCKET TAPE PITCH | REEL QUANTITY | PICK AND PLACE TAPE | MATING CYCLES | PART NUMBER |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2327678-1](#)