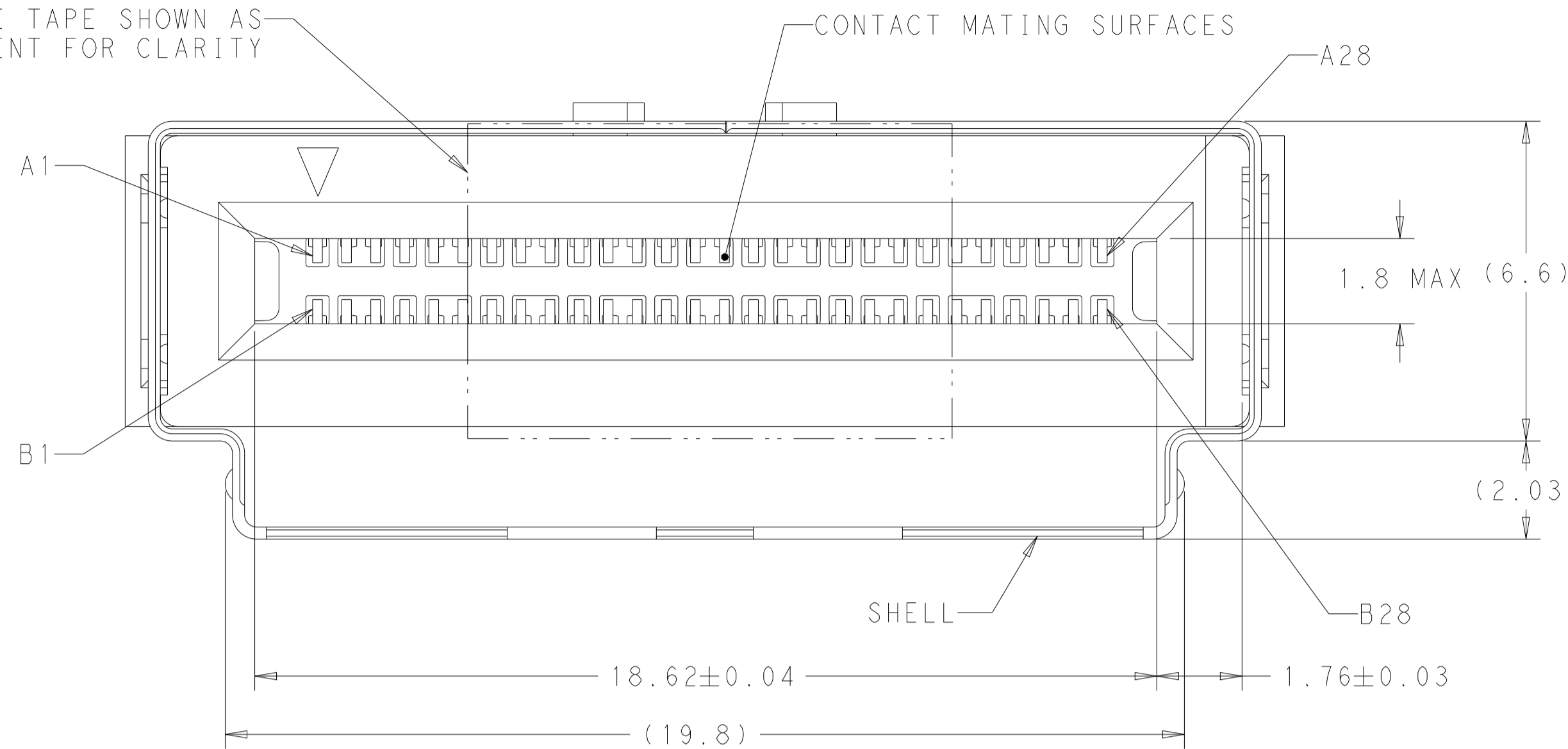


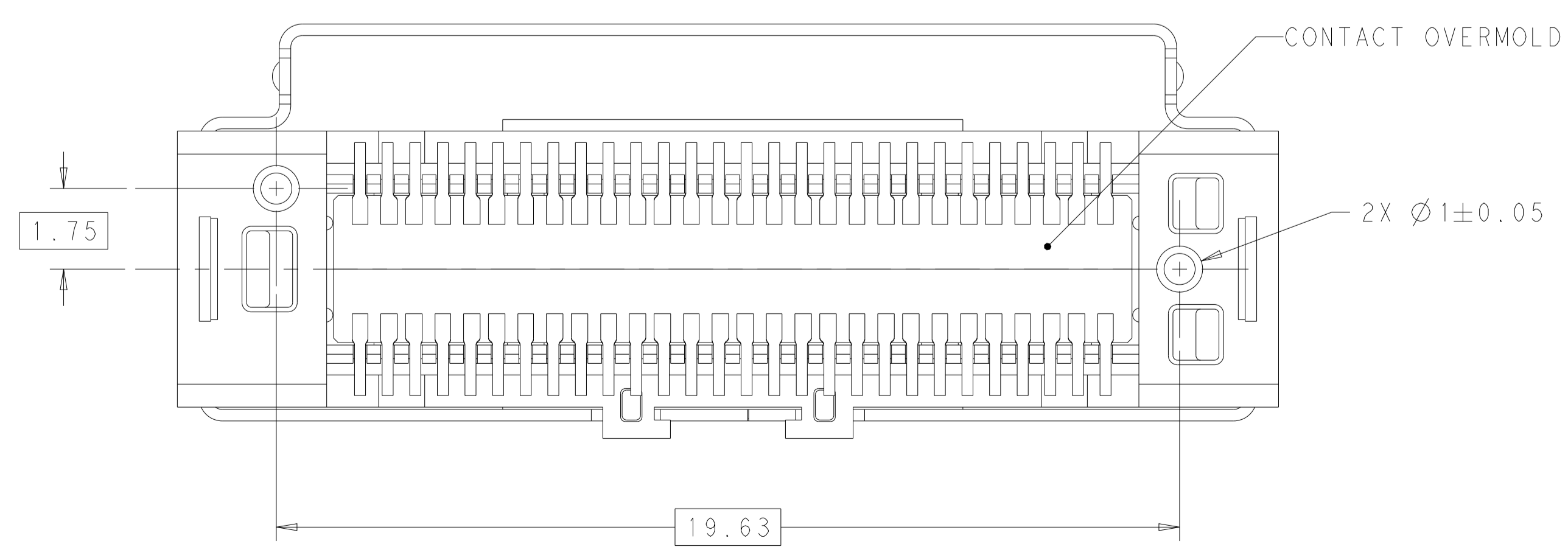
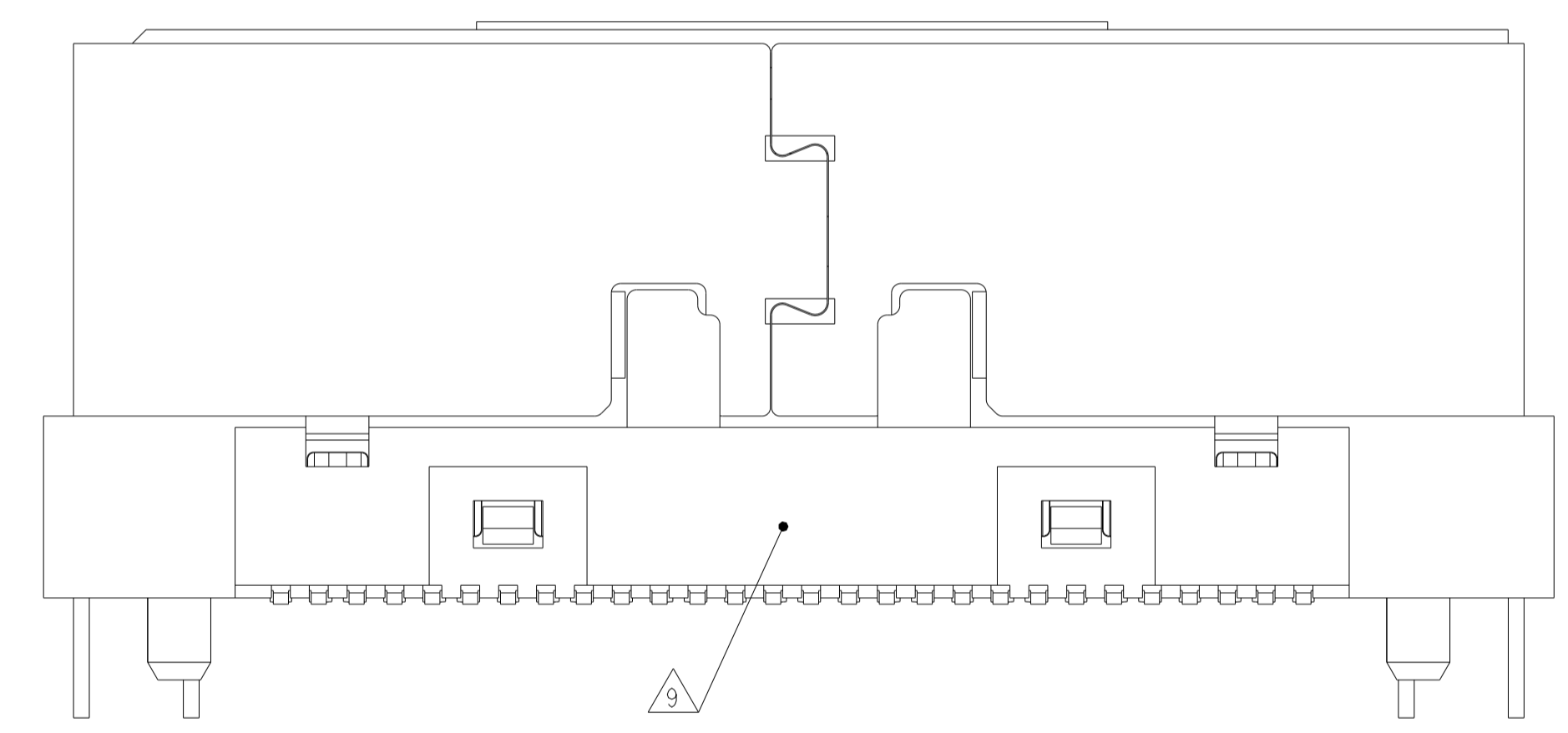
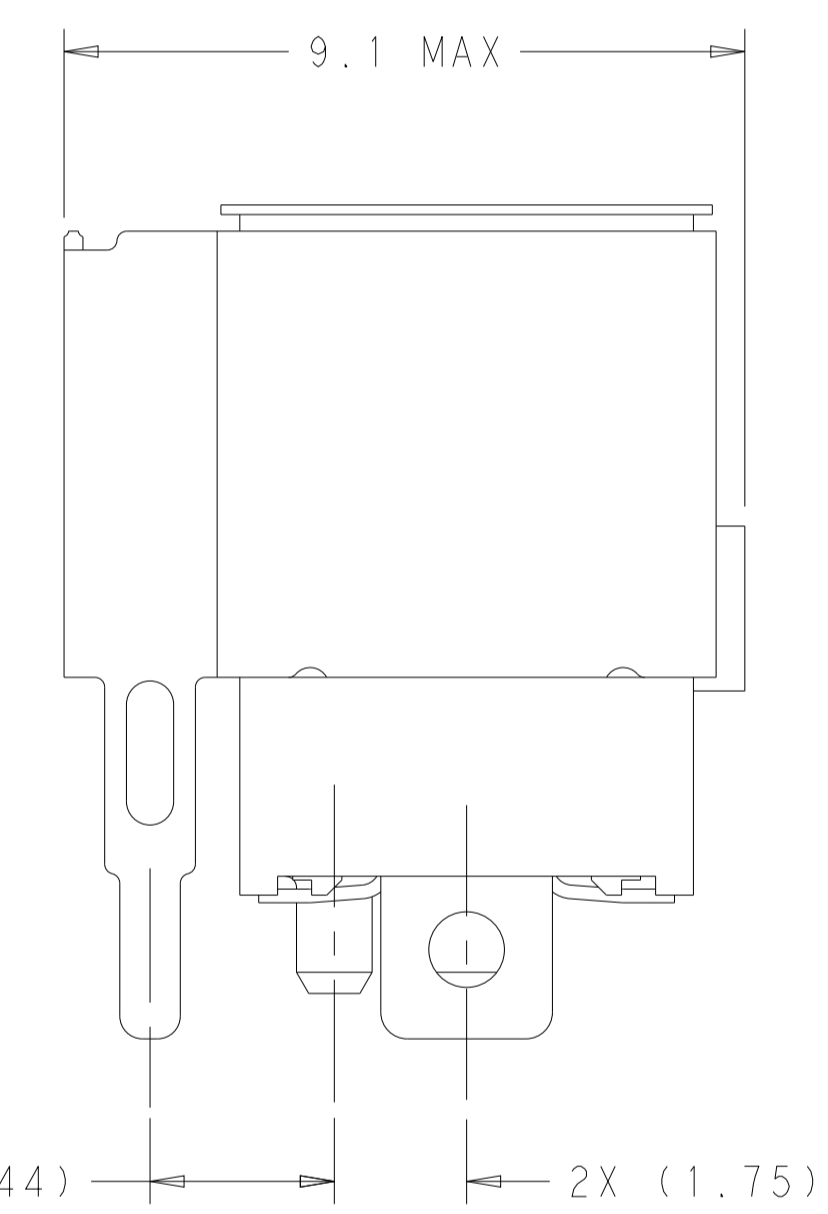
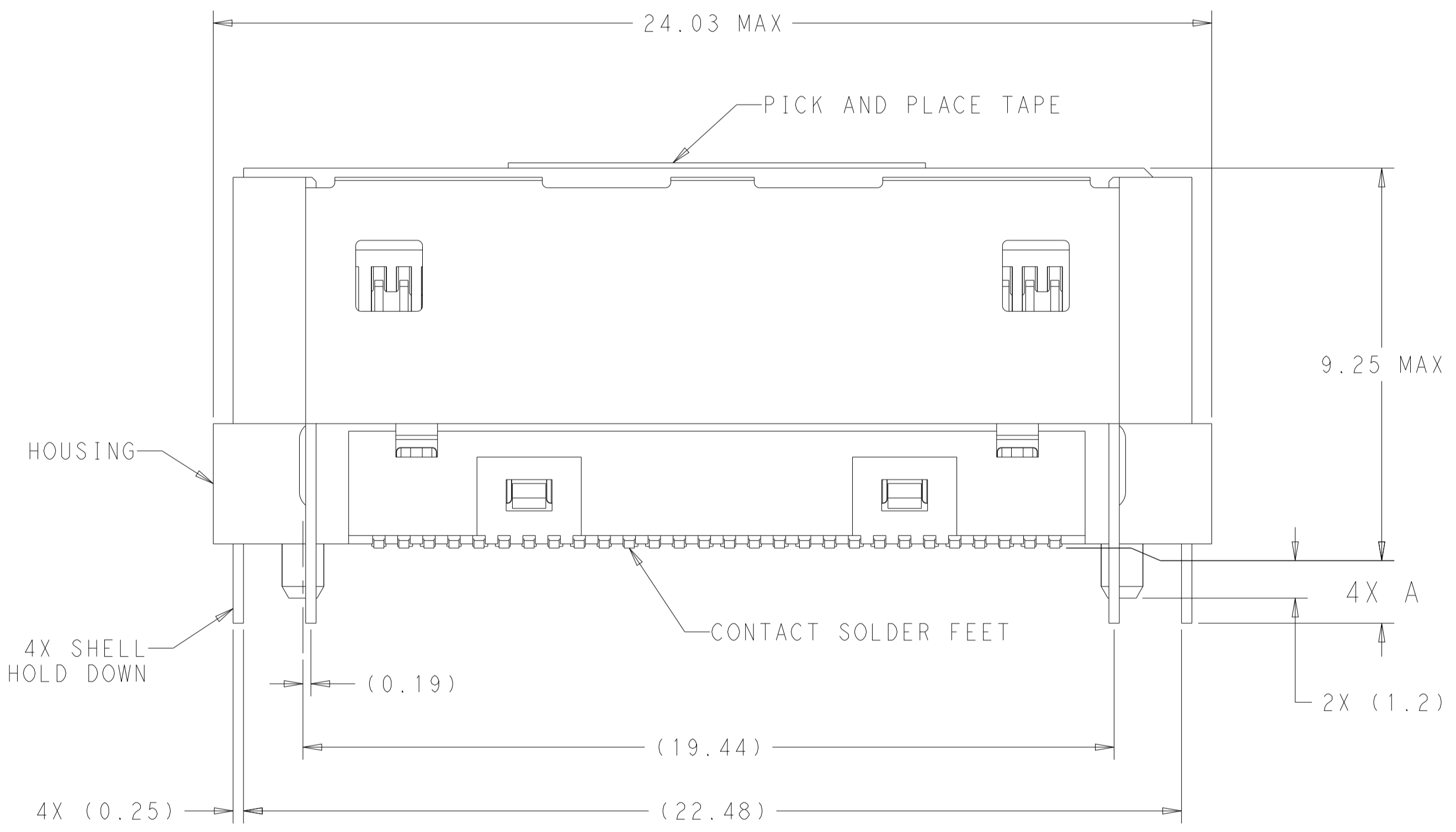
REVISIONS					
P	LTN	DESCRIPTION	DATE	OWN	APVD
B		REVISED PER ECO-19-014774	26SEP2019	CJV	JW
C		REVISED PER ECN-21-118918	25OCT2021	TM	DZ
C1		REVISED PER ECN-22-180034	18OCT2022	TM	DZ
C2		REVISED PER ECN-23-221785	13JUL2023	JG	DZ

PICK AND PLACE TAPE SHOWN AS TRANSPARENT FOR CLARITY



- 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	1-2332141-4
	0.38µm Au				100	1-2332141-3
1.2±0.1	0.76µm Au	20	300	YES	200	1-2332141-2
	0.38µm Au				100	1-2332141-1
1.8±0.1	0.76µm Au	20	300	YES	200	2332141-6
	0.38µm Au				100	2332141-5
A	FLASH Au/PdNi	POCKET TAPE PITCH	REEL QUANTITY	PICK AND PLACE TAPE	50	2332141-4
	PLATING				200	2332141-3
					100	2332141-2
					50	2332141-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

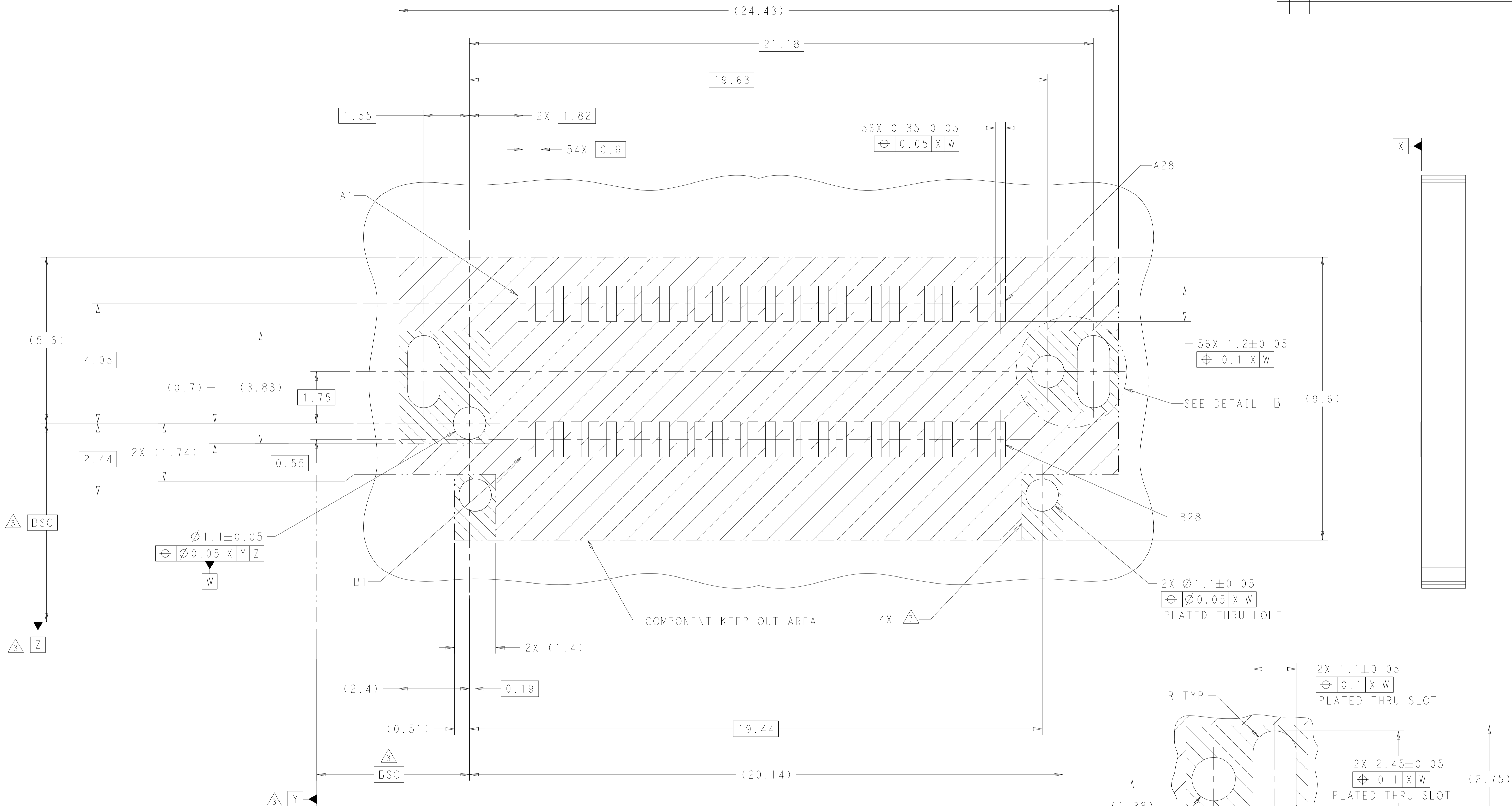
DIMENSIONS: mm
 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ±
 1 PLC ±
 2 PLC ±
 3 PLC ±
 4 PLC ±
 ANGLES ±
 MATERIAL ±
 FINISH ±

NAME: RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0
 PRODUCT SPEC: 108-130021
 APPLICATION SPEC: 114-130015

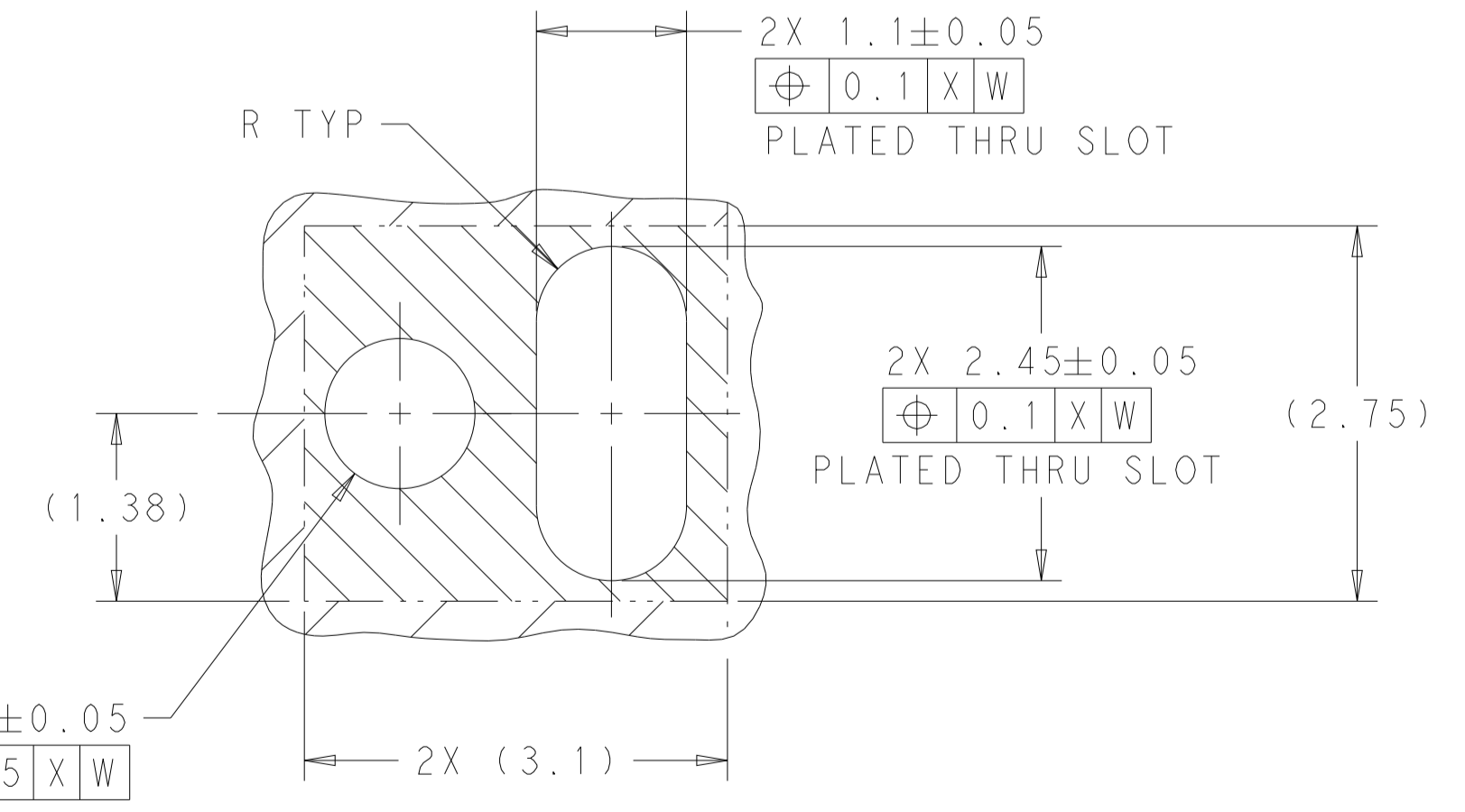
SIZE: A1
 CAGE CODE: 00779
 DRAWING NO: 2332141

RESTRICTED TO: -
 CUSTOMER DRAWING
 SCALE: 10:1
 SHEET: 1 OF 4
 REV: C2

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



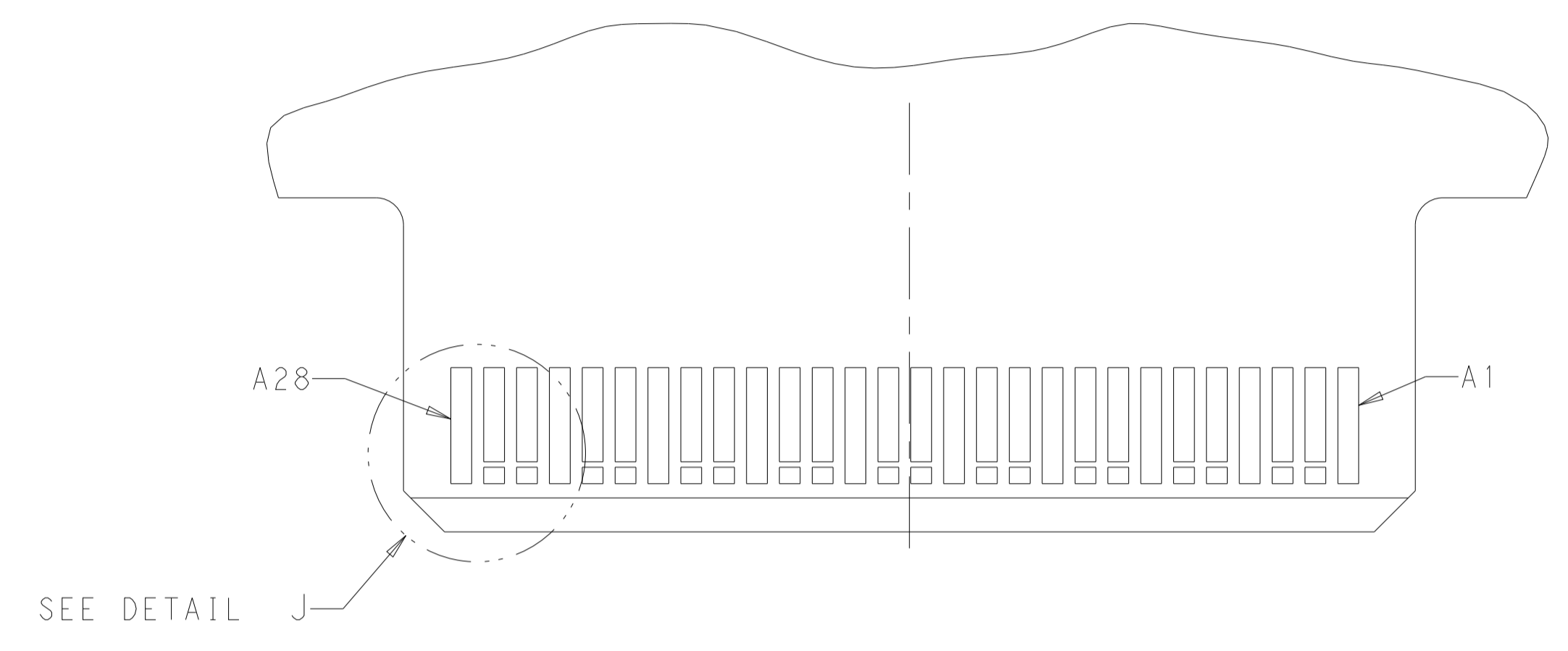
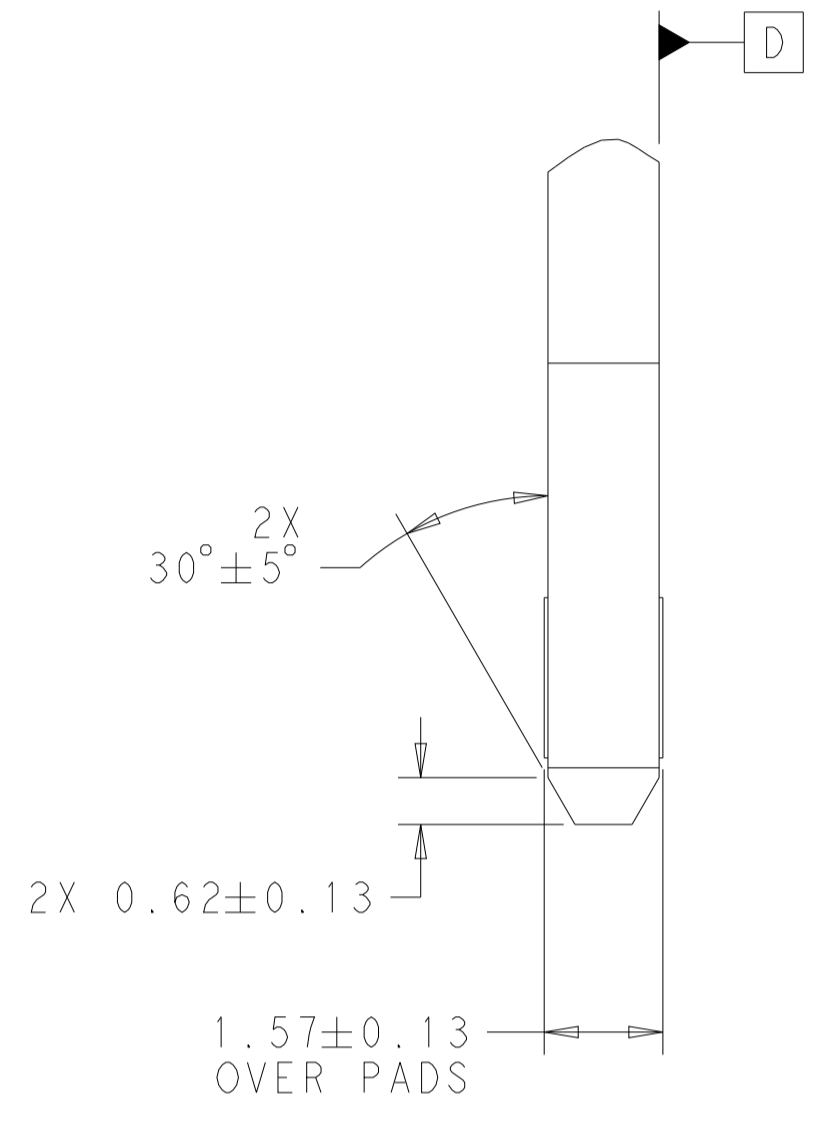
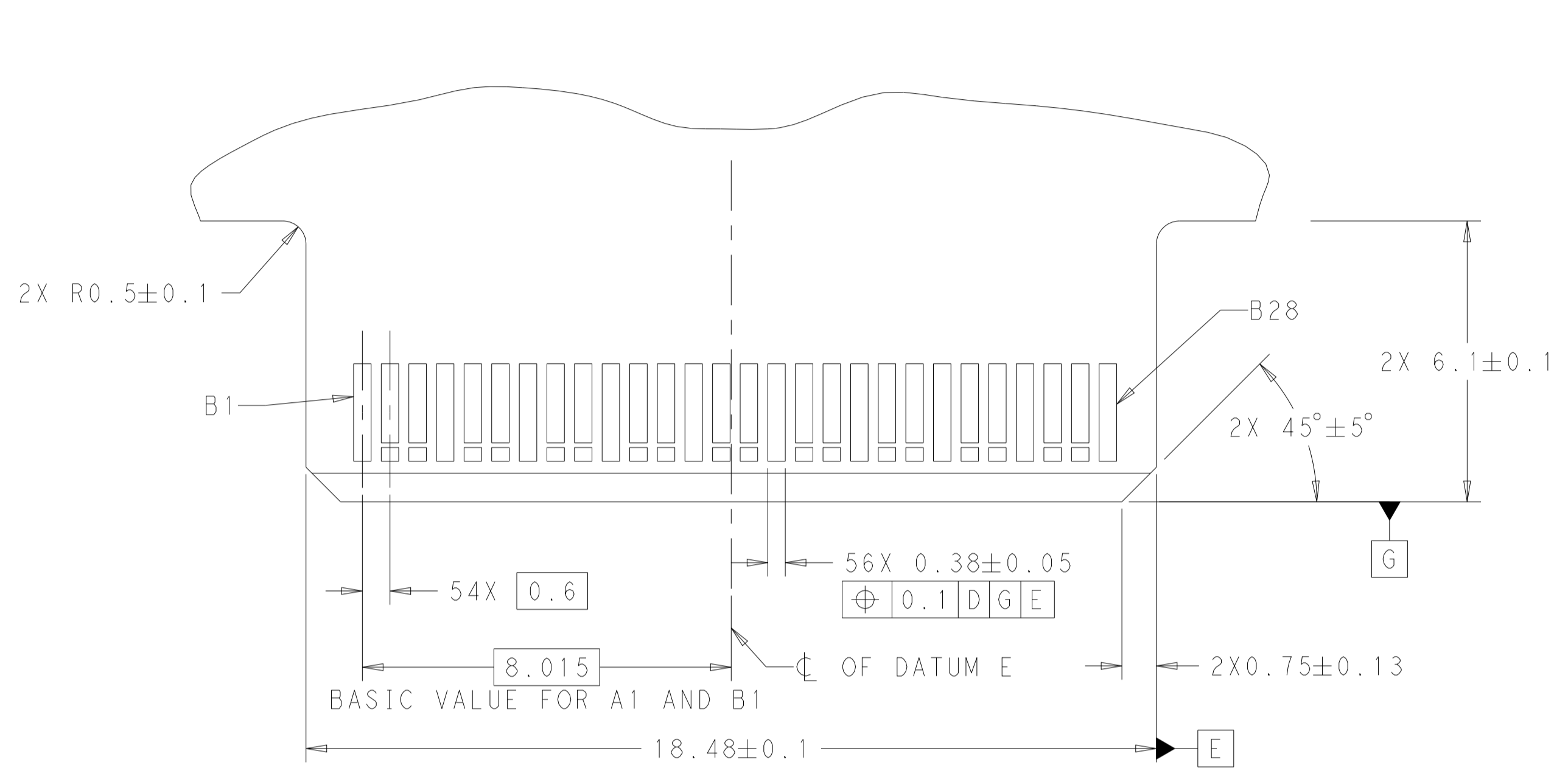
RECOMMENDED PCB LAYOUT
 AND KEEP OUT AREA
 SCALE 15:1



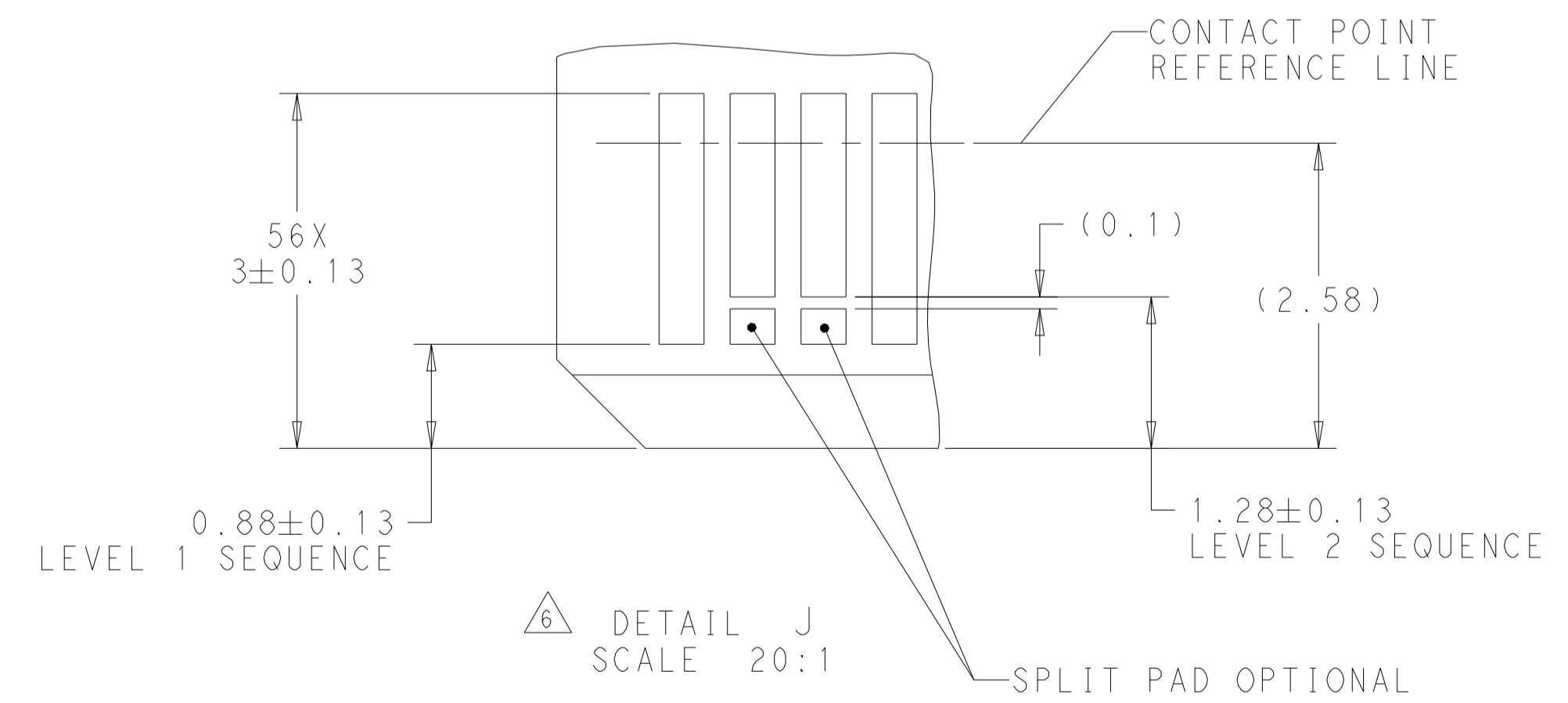
DETAIL B
 SCALE 20:1

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 ±	APPLICATION SPEC	RESTRICTED TO
	2 PLC ±	114-130015	A100779C=2332141
	3 PLC ±	WEIGHT	SCALE 10:1 SHEET 2 OF 4 REV C2
	4 PLC ±	CUSTOMER DRAWING	
	ANGLES ±		
	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 ±	1 PLC ±	PRODUCT SPEC	SIZE 108-130021
2 PLC ±	3 PLC ±	APPLICATION SPEC	RESTRICTED TO
4 PLC ±	ANGLES ±	114-130015	SCALE 10:1
MATERIAL	FINISH	WEIGHT	SHEET 3 OF 4
CUSTOMER DRAWING		SIZE A100779	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

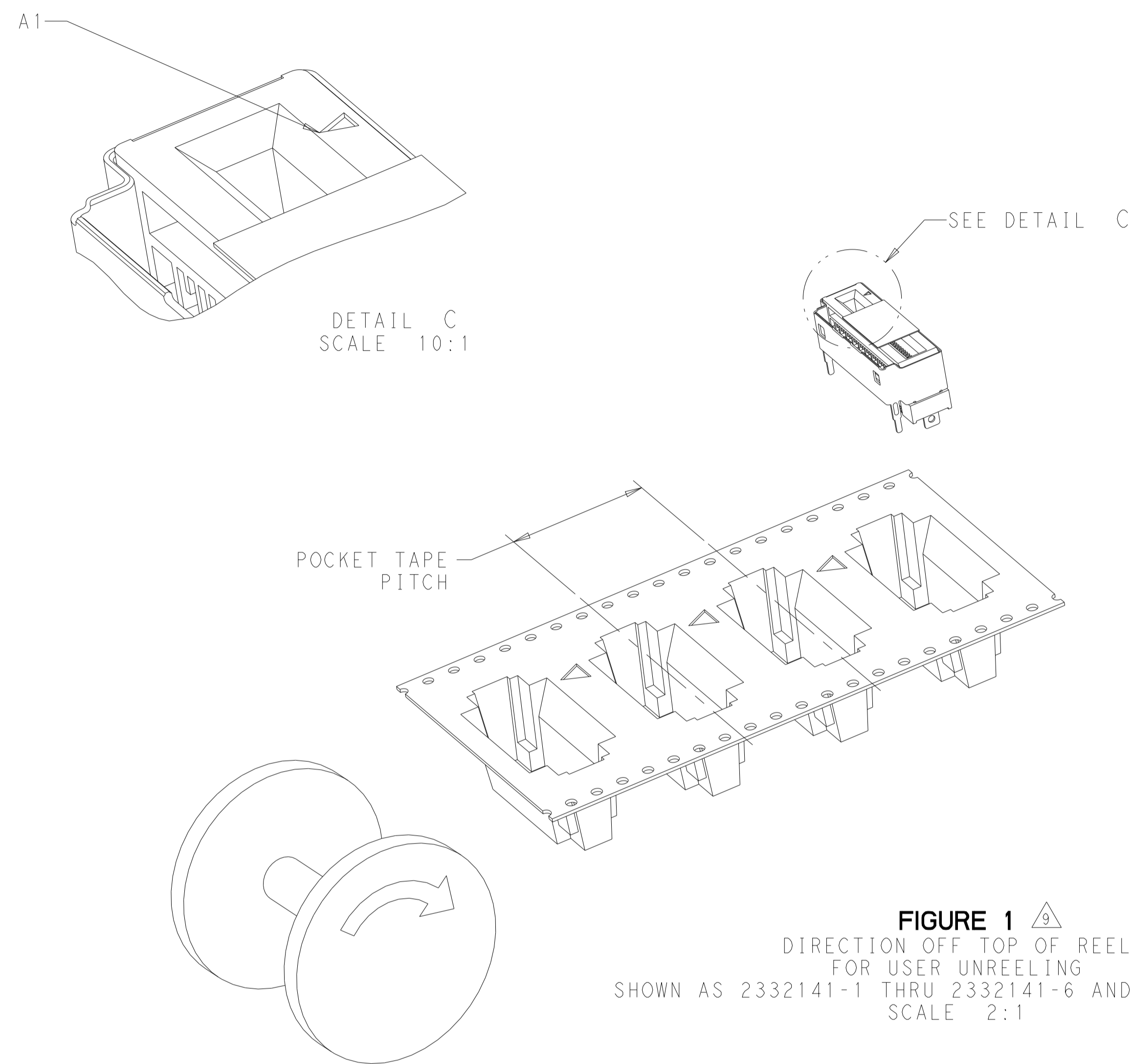



FIGURE 1
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2332141-1 THRU 2332141-6 AND 2-2332141-0
SCALE 2:1

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