

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

2 CONTACTS - 0.76um MIN GOLD PLATE ON MATING SURFACES,
2.54um MIN MATTE TIN PLATE ON SOLDER FEET.
1.27um MIN NICKEL UNDERPLATE.

HOLD DOWNS - 2.54um MIN MATT TIN PLATE,
1.27um MIN NICKEL UNDERPLATE.

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

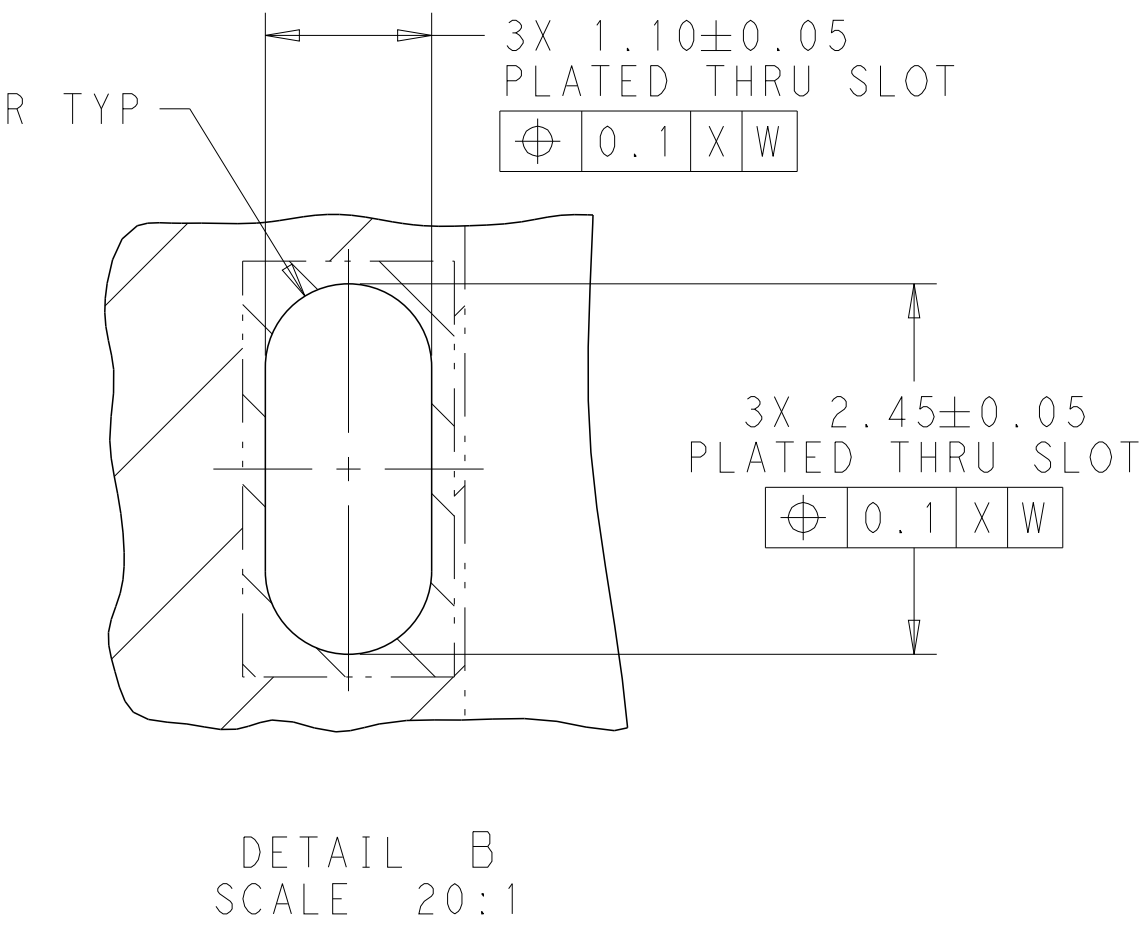
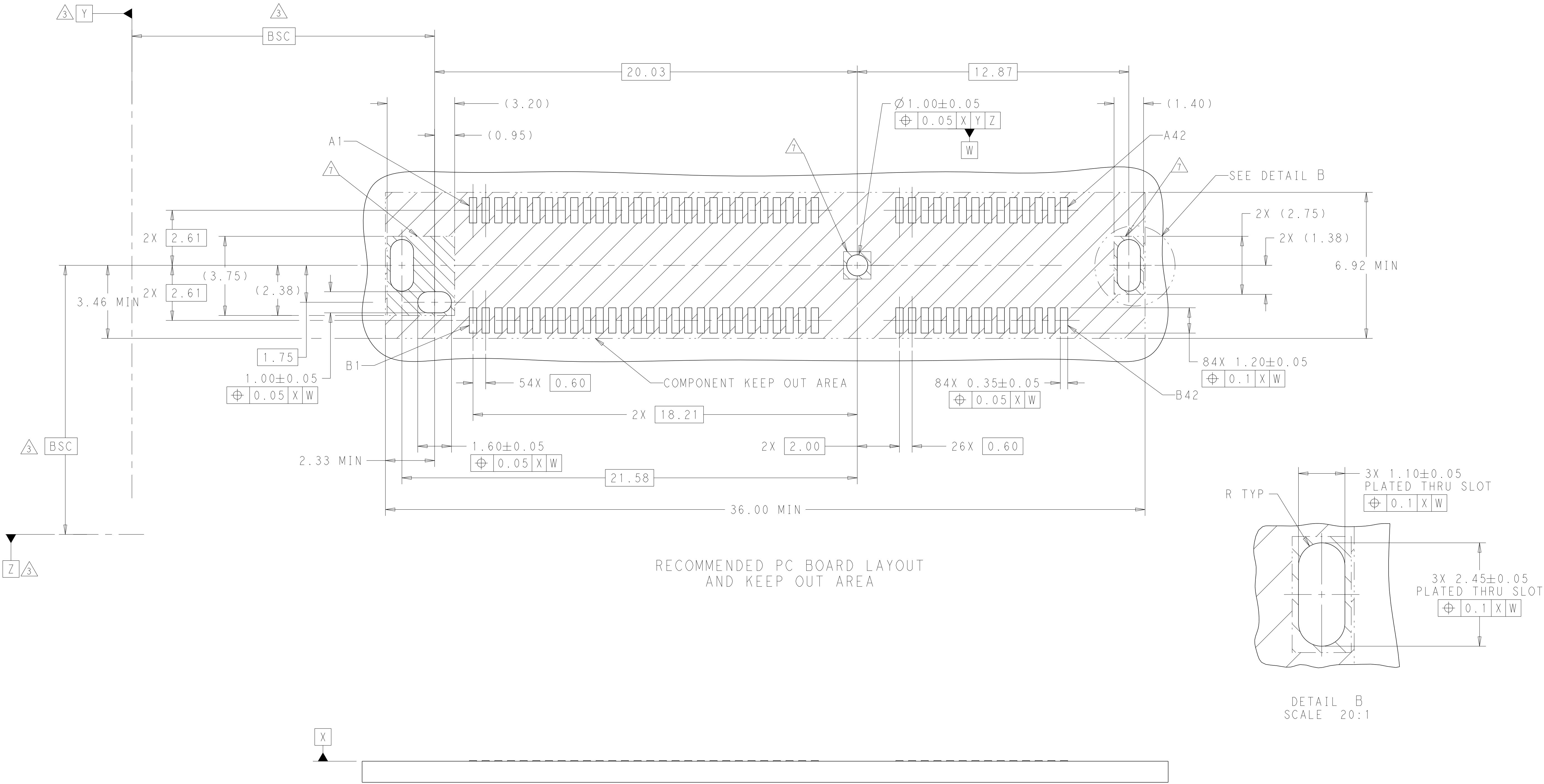
8 TAPE AND REEL PACKAGED FOR PICK AND PLACE SMT
PROCESSING, SEE FIGURE 1. POCKET TAPE WIDTH = 56.

SECTION J-J

SEE SHEET 4
FOR PART TABLE

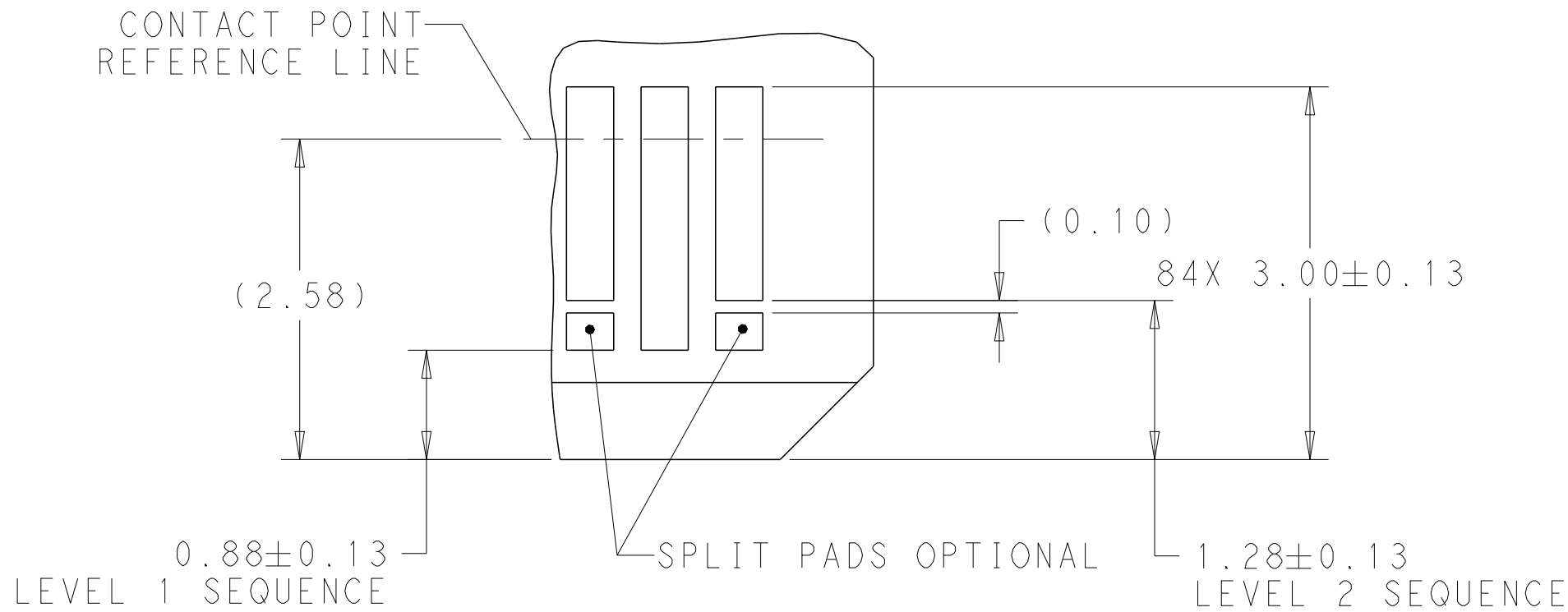
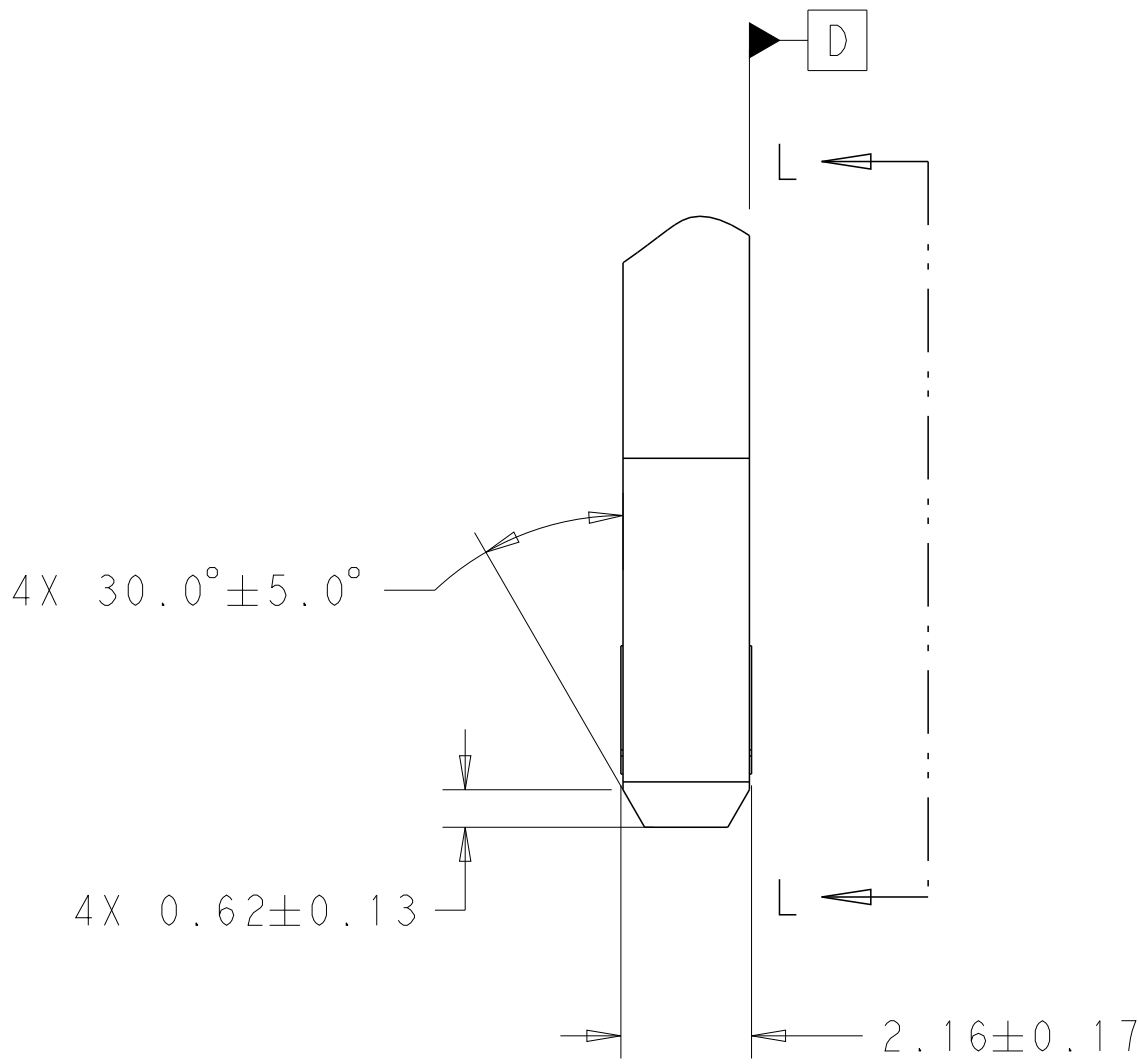
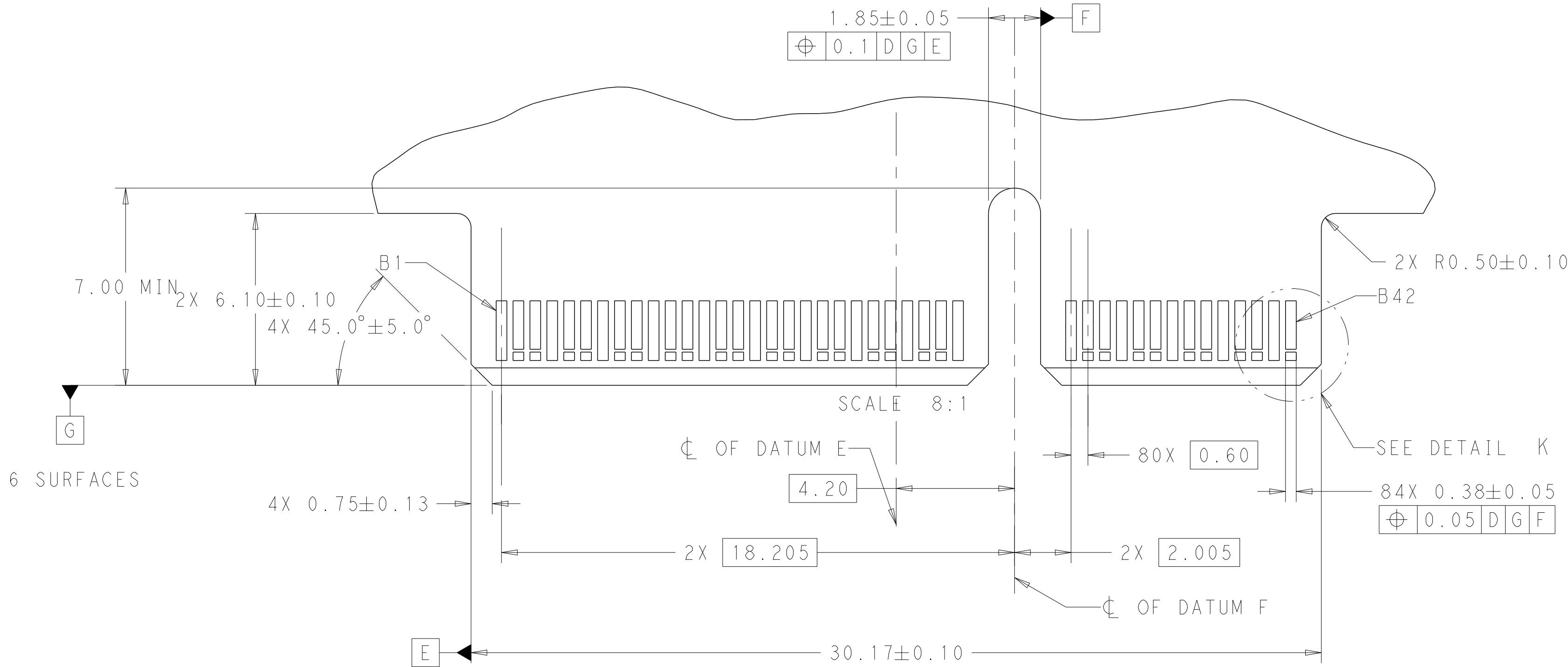
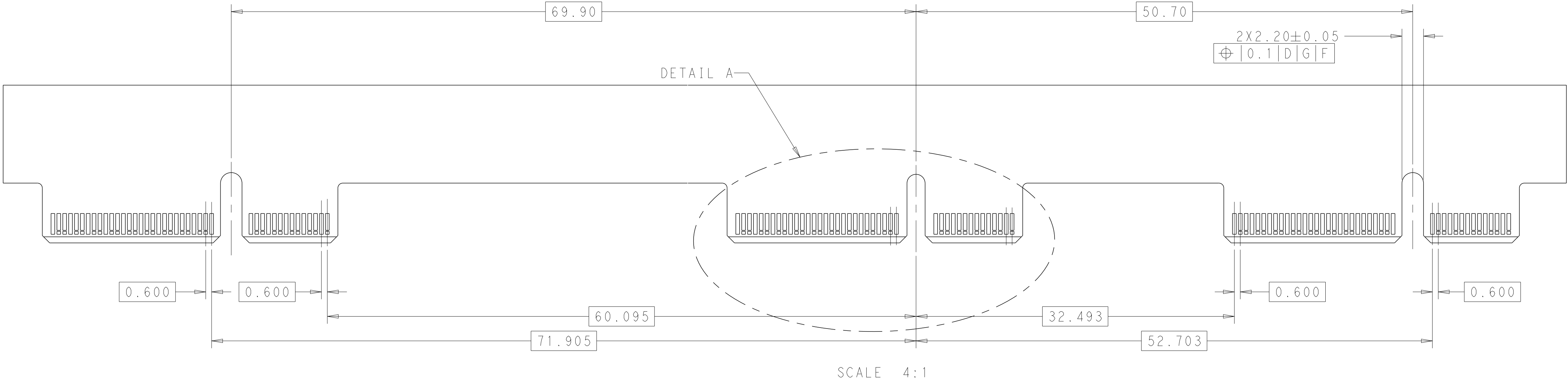
THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN TIM XUE 23SEP2020		
DIMENSIONS:		CHK DAVID ZHANG 23SEP2020		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD DAVID ZHANG 23SEP2020	NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0	
	0 PLC	±0.20	PRODUCT SPEC	
	1 PLC	±0.15	108-130021	
	2 PLC	±0.10	APPLICATION SPEC	
	3 PLC	±0.05	114-130008	
MATERIAL		FINISH	WEIGHT	SIZE
			-	A1
CUSTOMER DRAWING		SCALE	10:1	SHEET 1 OF 4
		REV	A	

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

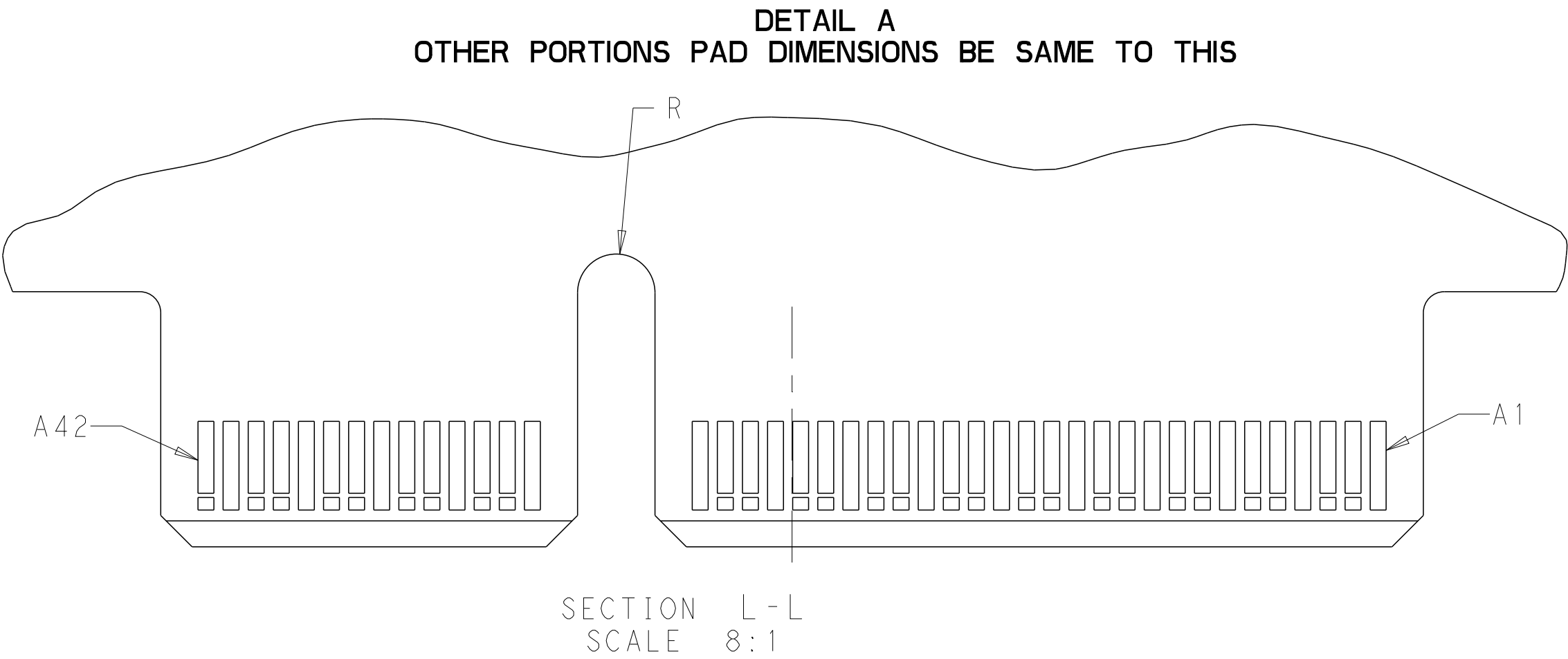


RECOMMENDED PCB OUTLINE DIMENSIONS.
TOLERANCE VALUES ARE CRITICAL. PLEASE BE SURE TO DESIGNATE
TOLERANCES TO PCB SUPPLIER TO ENSURE OPTIMIZED FUNCTIONALITY.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



DETAIL K
SCALE 20:1

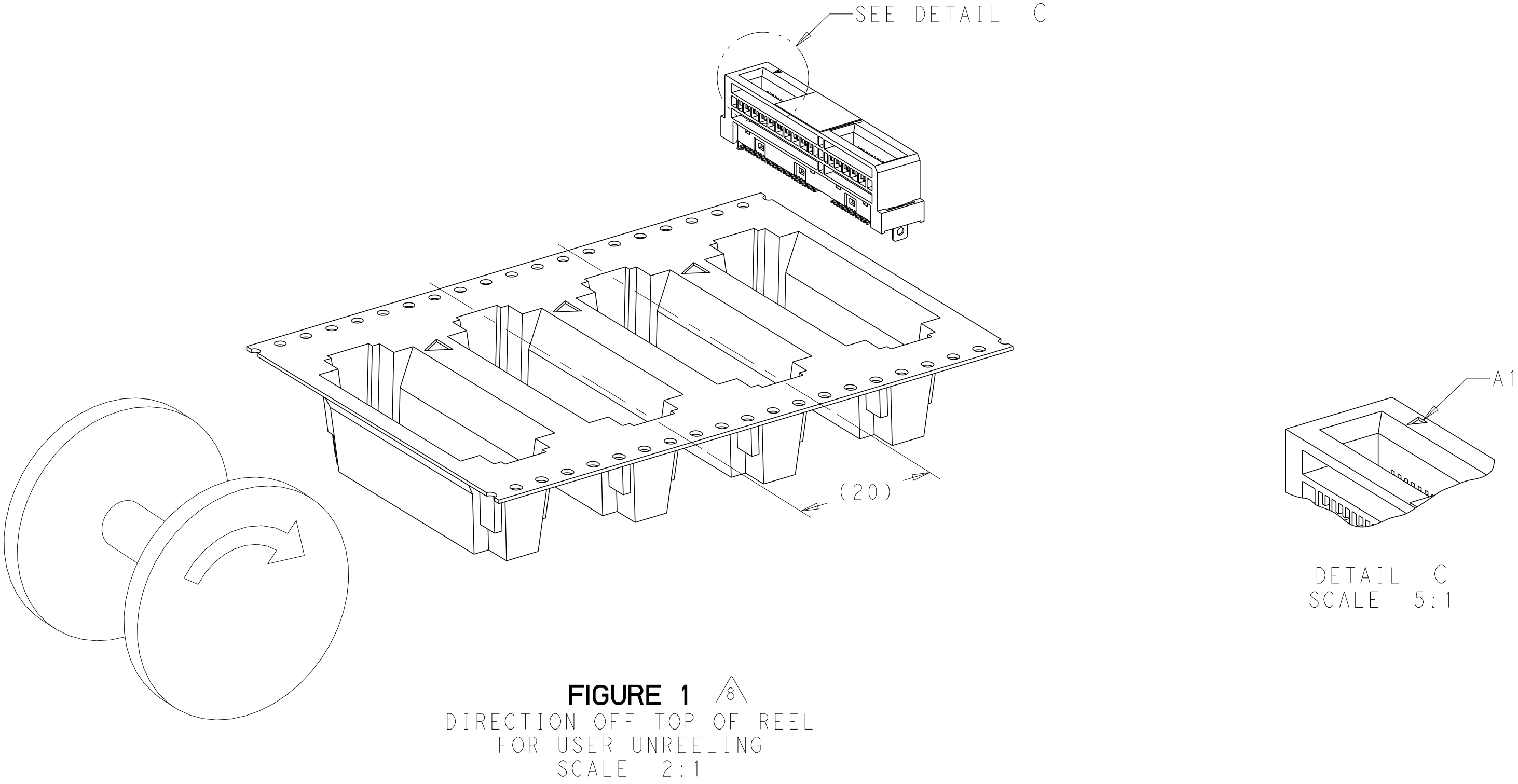


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TIM XUE 23SEP2020	TE Connectivity	
DIMENSIONS:		CHK DAVID ZHANG 23SEP2020		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD DAVID ZHANG 23SEP2020	NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0	
	0 PLC ±0.20	PRODUCT SPEC	SIZE	
	1 PLC ±0.15	108-130021	CAGE CODE	
	2 PLC ±0.15	APPLICATION SPEC	DRAWING NO	
	3 PLC ±0.15	114-130008	RESTRICTED TO	
MATERIAL	4 PLC ±	WEIGHT	A1	
	FINISH	-	C=2380366	
CUSTOMER DRAWING			SCALE	1:1
			SHEET	3 OF 4
			REV	A


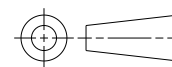
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

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
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



0.76 μm Au	300PCS	YES	200	2380366-6
0.76 μm Au	300PCS	NO	200	2380366-3
PLATING	REEL QUANTITY	PICK AND PLACE TAPE	MATING CYCLES	PART NUMBER

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DIMENSIONS:		CHK DAVID ZHANG 23SEP2020			
mm		APVD DAVID ZHANG 23SEP2020		NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0	
		PRODUCT SPEC 108-130021			
		APPLICATION SPEC 114-130008		SIZE A1	
		WEIGHT -			
		CUSTOMER DRAWING			SCALE 10:1
MATERIAL		FINISH +		RESTRICTED TO -	
				SHEET 4 OF 4	
				REV A	

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[TE Connectivity:](#)

[2380366-3](#)