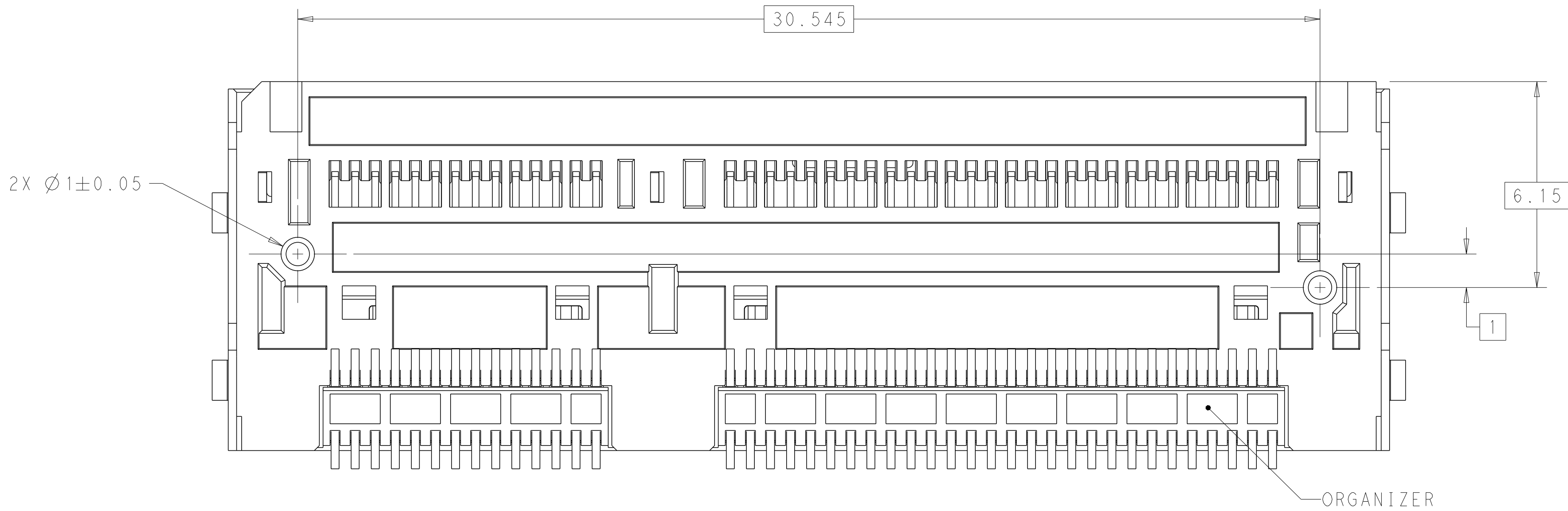
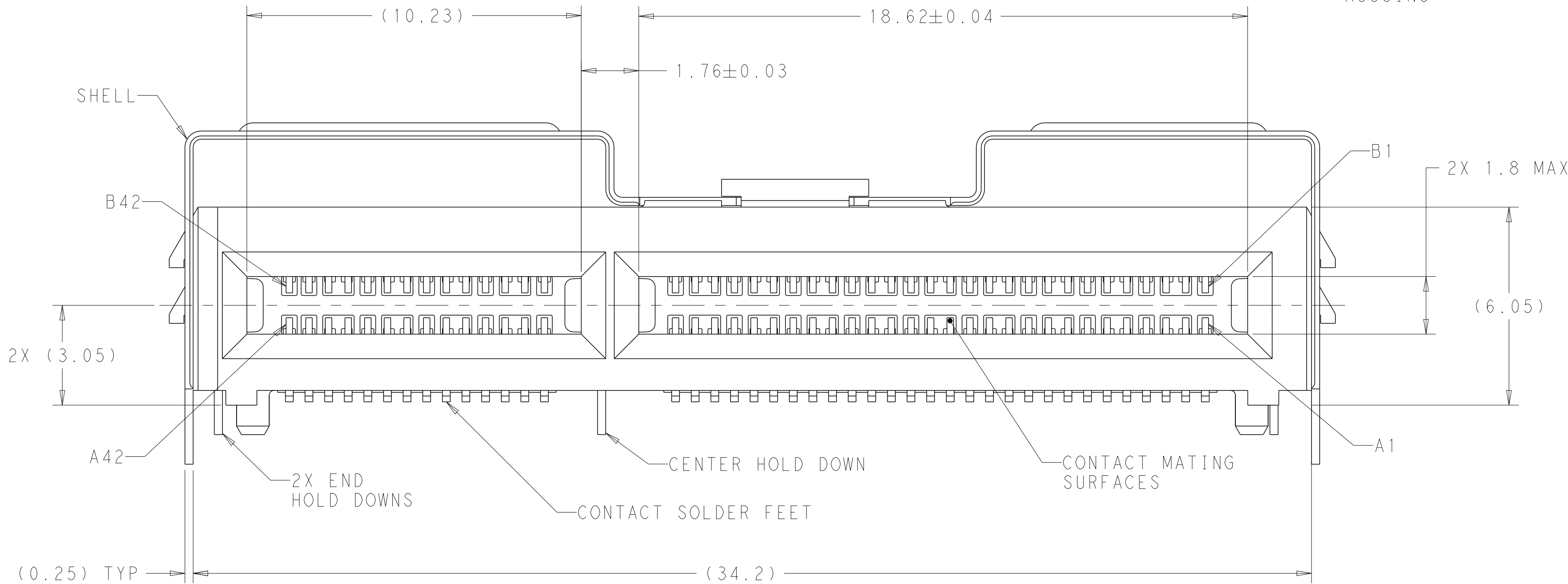
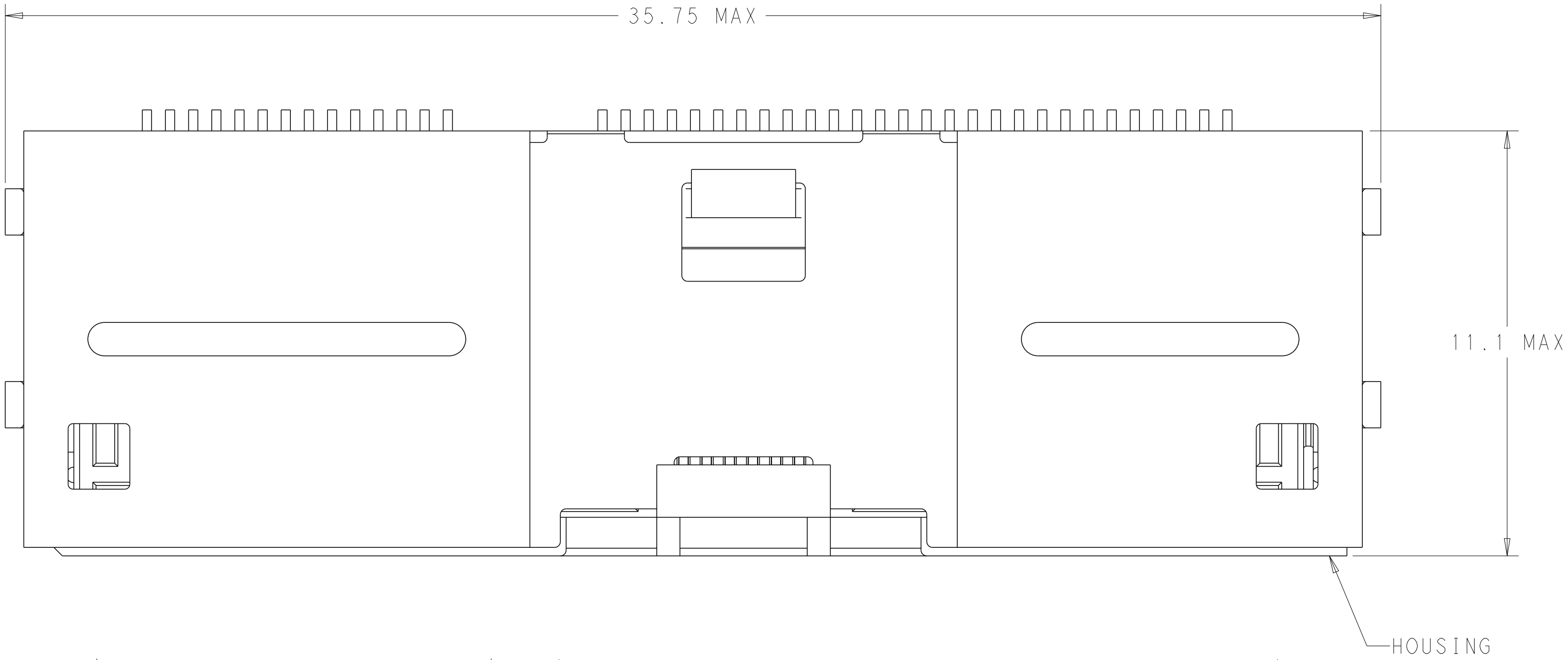
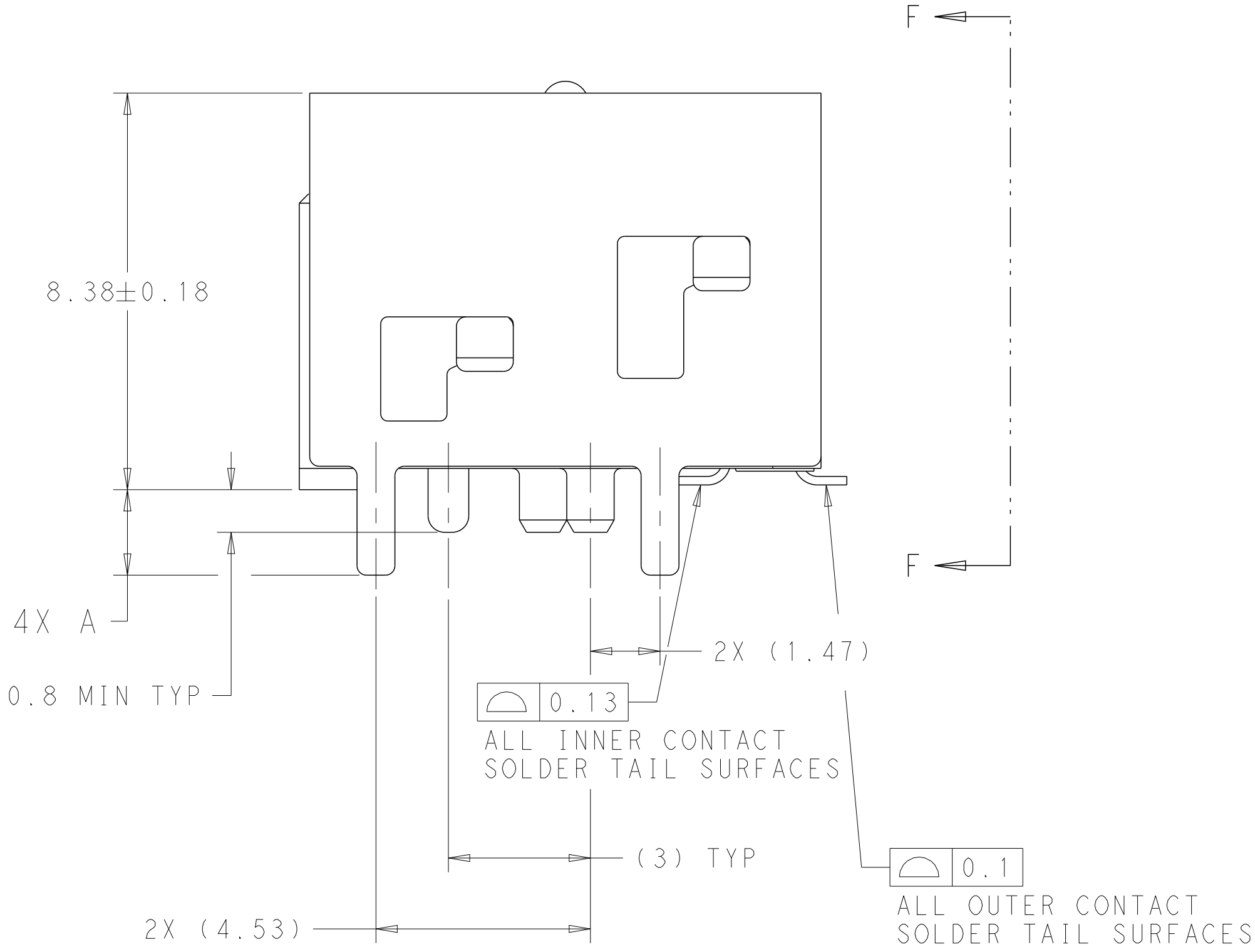


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
B		REVISED PER ECN-21-126523	14MAR2022	TX	DZ
C		REVISED PER ECN-22-152380	09MAY2022	TX	DZ
C1		REVISED PER ECN-23-222537	19JUL2023	JG	DZ
C2		REVISED PER ECN-24-266777	20MAY2024	TR	JM



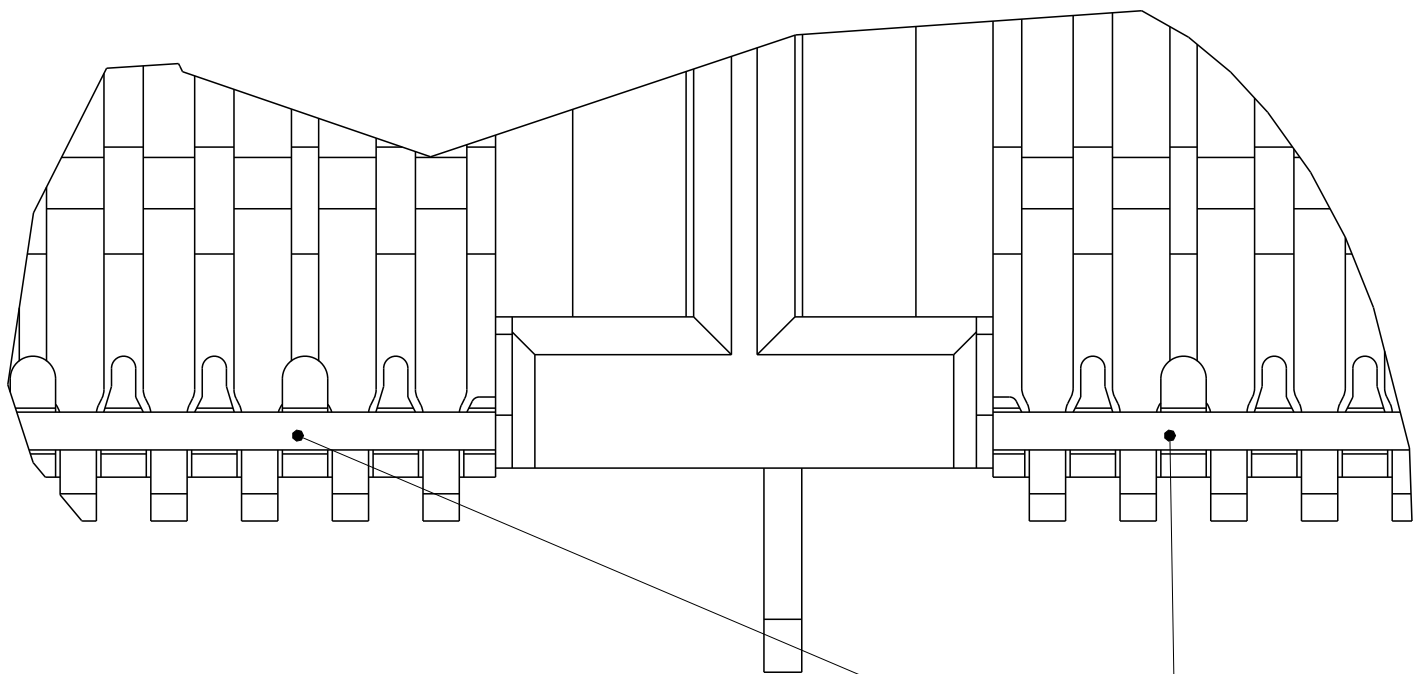
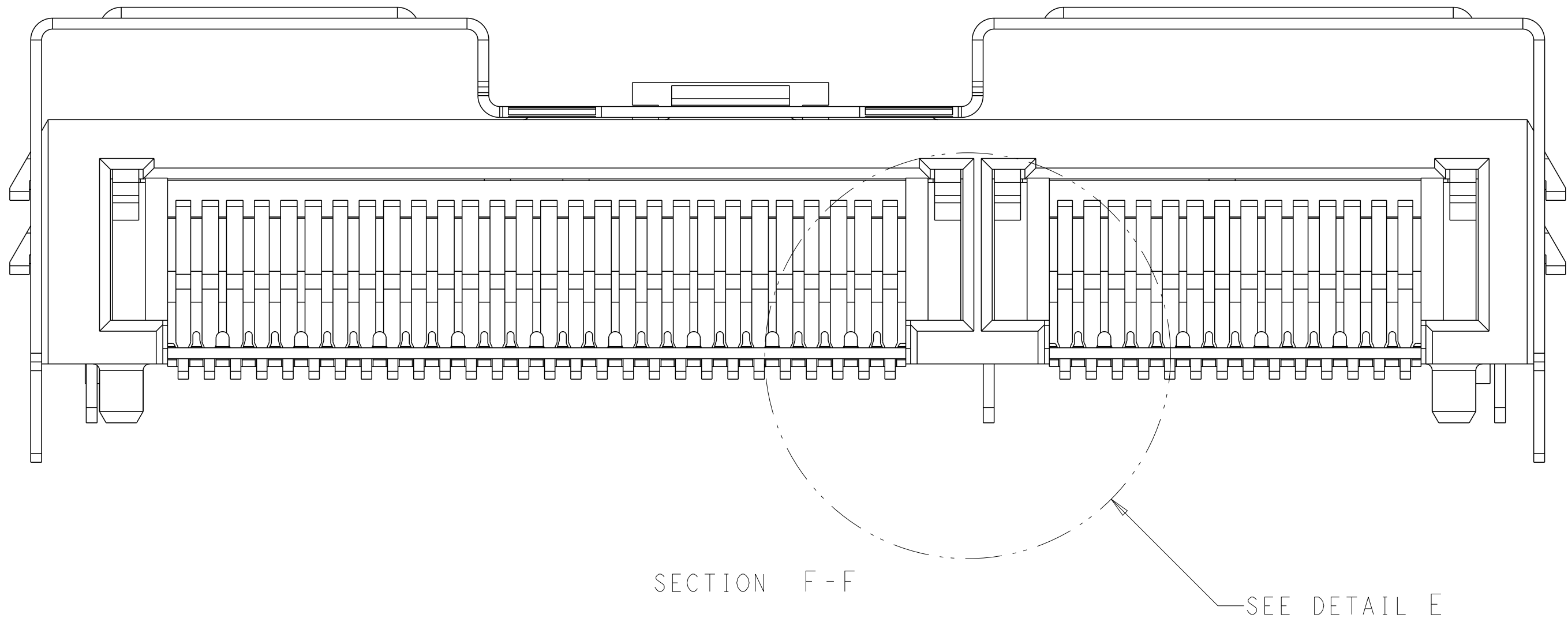
- HOUSING, ORGANIZERS, CONTACT OVERMOLDS - LCP, UL94V-0, BLACK. SHELL, CONTACTS AND HOLD DOWNS - COPPER ALLOY.
- CONTACTS - GOLD PLATE ON MATING SURFACES, TIN PLATE ON SOLDER FEET. HOLD DOWNS - TIN PLATE. SHELL - NICKEL PLATE, TIN PLATE ON HOLD DOWNS
- DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 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 TRACES KEEP OUT AREA. EACH EDGE 0.15 MIN FROM EDGE OF HOLE.
- TAPE AND REEL PACKAGED FOR PICK AND PLACE SURFACE MOUNT PROCESSING, SEE FIGURE 1. POCKET TAPE WIDTH = 56.



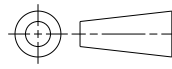
SEE SHEET 5
FOR PART TABLE

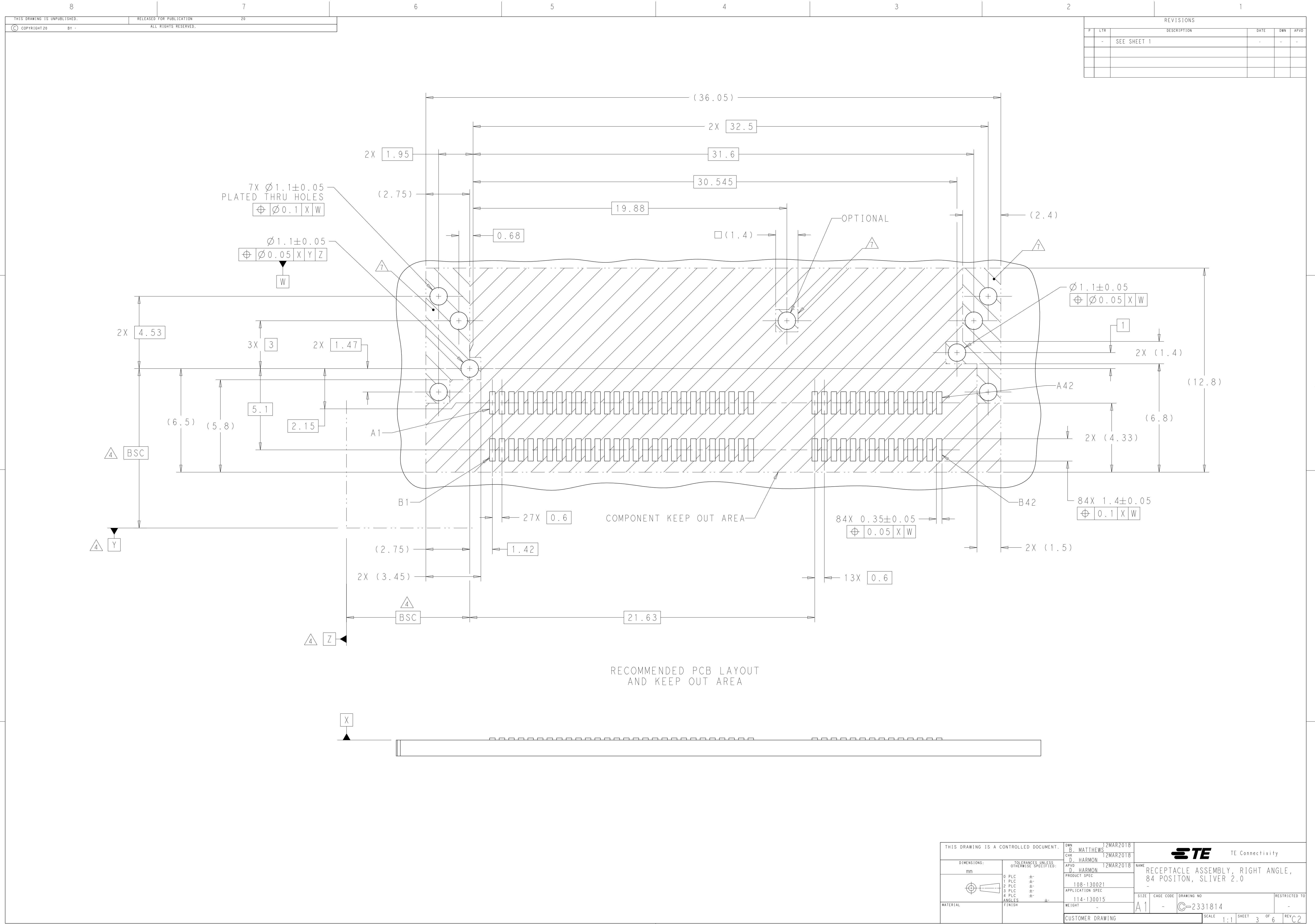
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS CHK D. HARMON APVD D. HARMON	12MAR2018 12MAR2018 12MAR2018	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 84 POSITION, SLIVER 2.0	
mm		0 PLC ±.01 1 PLC ±.01 2 PLC ±.01 3 PLC ±.01 4 PLC ±.01 ANGLES ±.01 FINISH		PRODUCT SPEC 108-130021 APPLICATION SPEC 114-130015	
MATERIAL		WEIGHT		SIZE A1	
CUSTOMER DRAWING		SCALE 10:1		SHEET 1 OF 6	
				REV C2	

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



DETAIL E
SCALE 20:1

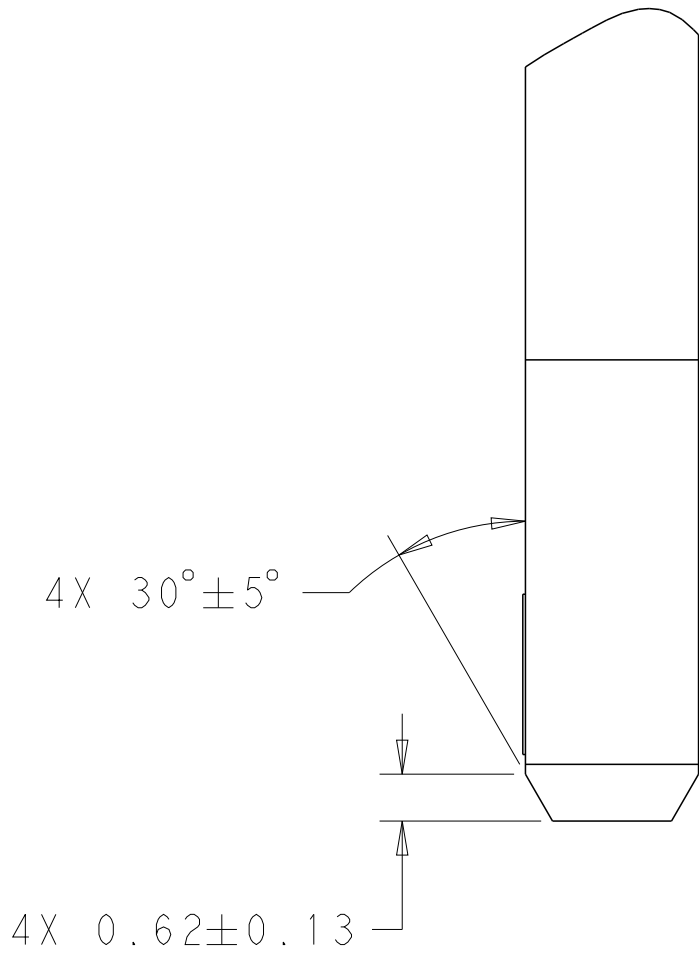
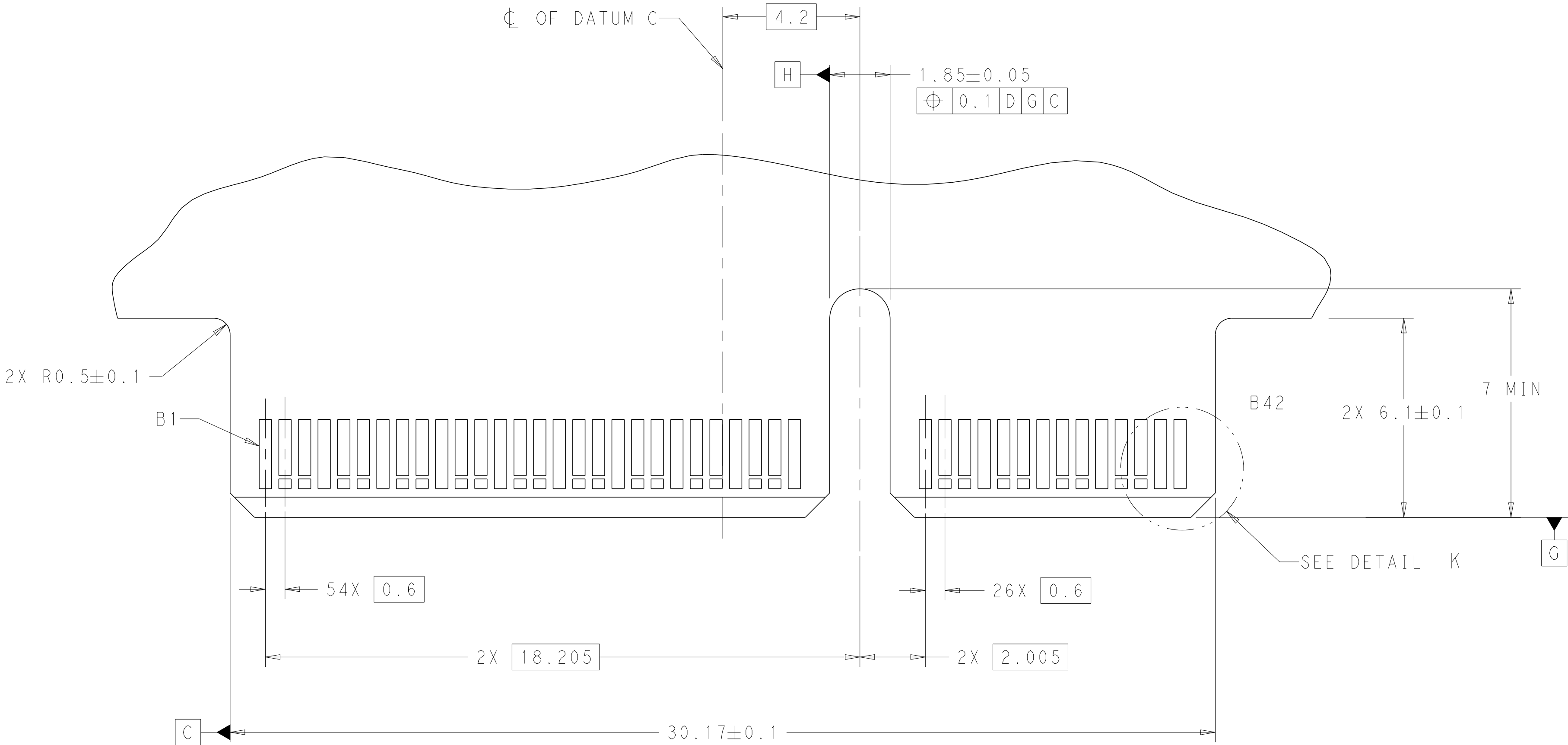
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 12MAR2018	 TE Connectivity	
		CHK D. HARMON 12MAR2018		
DIMENSIONS:		APVD D. HARMON 12MAR2018	NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 84 POSITON, SLIVER 2.0	
mm		PRODUCT SPEC 108-130021		
		APPLICATION SPEC 114-130015	SIZE A 1	
		ANGLES FINISH	CAGE CODE -	
MATERIAL		WEIGHT -	DRAWING NO. C=2331814	
		CUSTOMER DRAWING	RESTRICTED TO -	
		SCALE 10:1	SHEET 2 OF 6	
			REV C2	



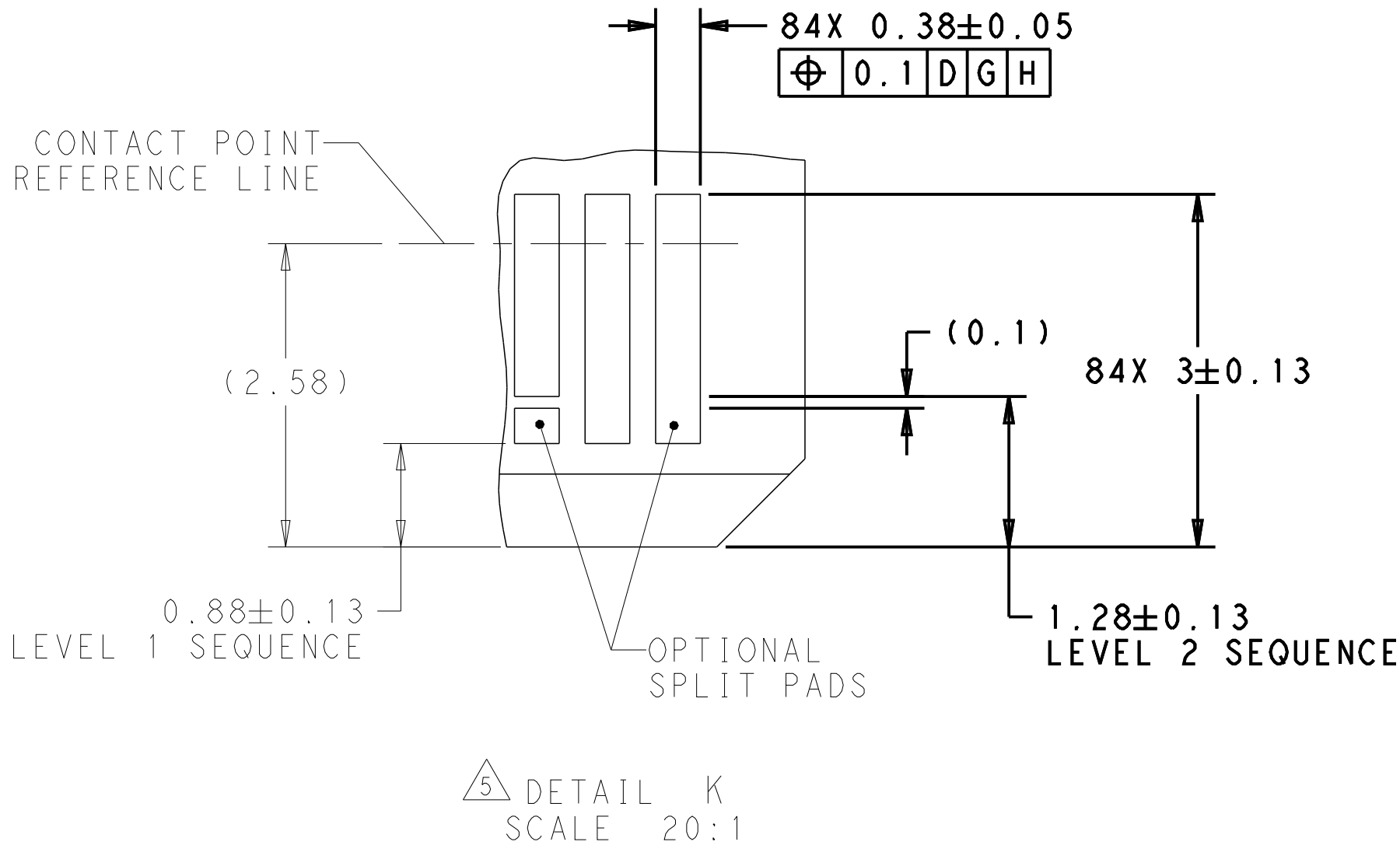
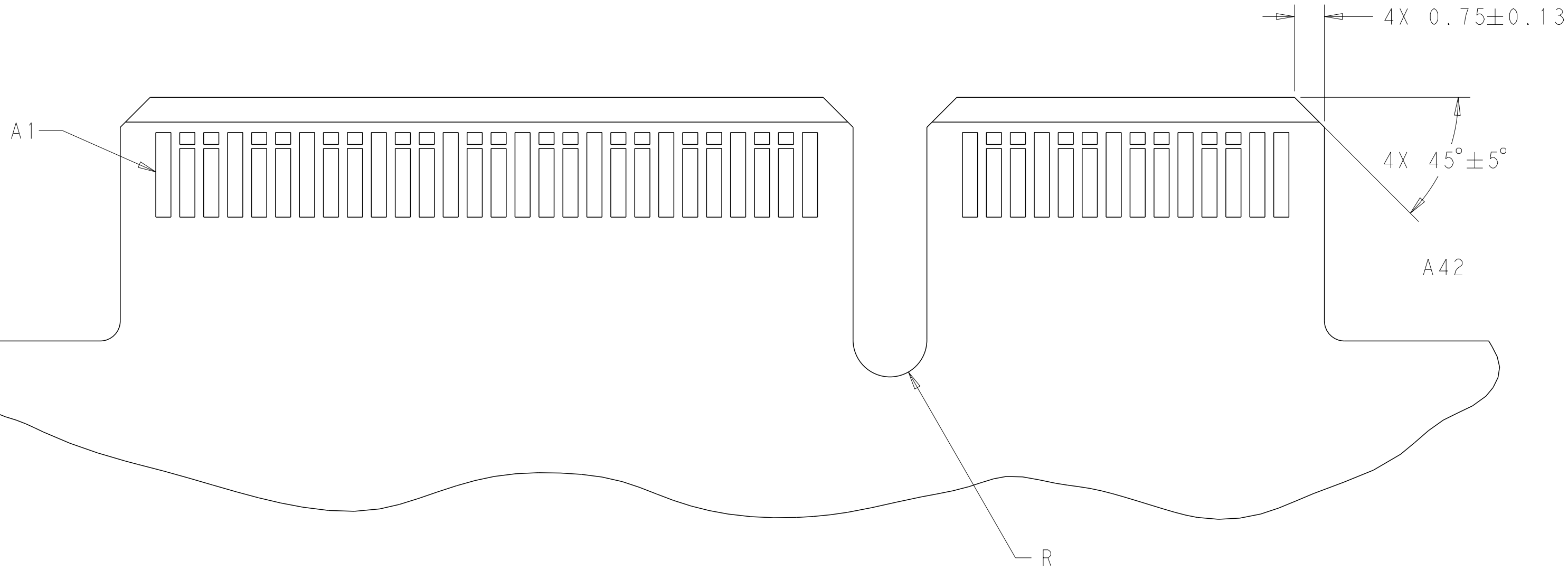
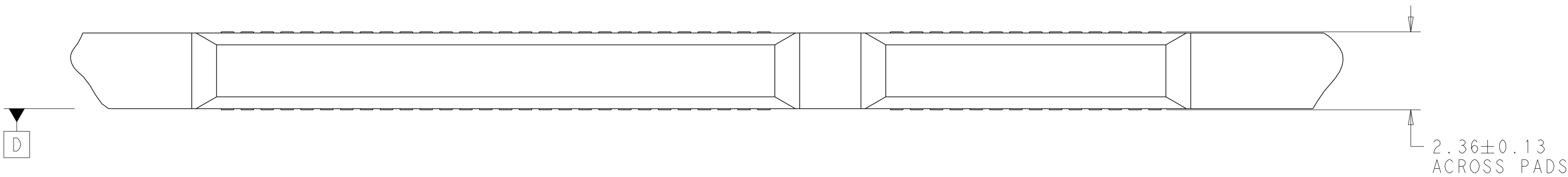
REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN
-	-	SEE SHEET 1	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 12MAR2018	 TE Connectivity			
		CHK D. HARMON 12MAR2018				
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APP'D D. HARMON 12MAR2018	NAME	RECEPTACLE ASSEMBLY, RIGHT ANGLE, 84 POSITION, SLIVER 2.0		
mm	0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH ±	PRODUCT SPEC 108-130021 APPLICATION SPEC 114-130015 WEIGHT -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL			A1	-	C=2331814	-
CUSTOMER DRAWING			SCALE	1:1	SHEET 3 OF 6	REV C2

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 12MAR2018	TE Connectivity	
DIMENSIONS:		CHK D. HARMON 12MAR2018		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. HARMON 12MAR2018	NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 84 POSITION, SLIVER 2.0	
	0 PLC ±"	PRODUCT SPEC	SIZE	
	1 PLC ±"	108-130021	CAGE CODE	
	2 PLC ±"	APPLICATION SPEC	DRAWING NO	
	3 PLC ±"	114-130015	RESTRICTED TO	
MATERIAL	ANGLES ±"	WEIGHT	A1	
	FINISH	-	C=2331814	
CUSTOMER DRAWING			SCALE	1:1
			SHEET	4 OF 6
			REV	C2

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

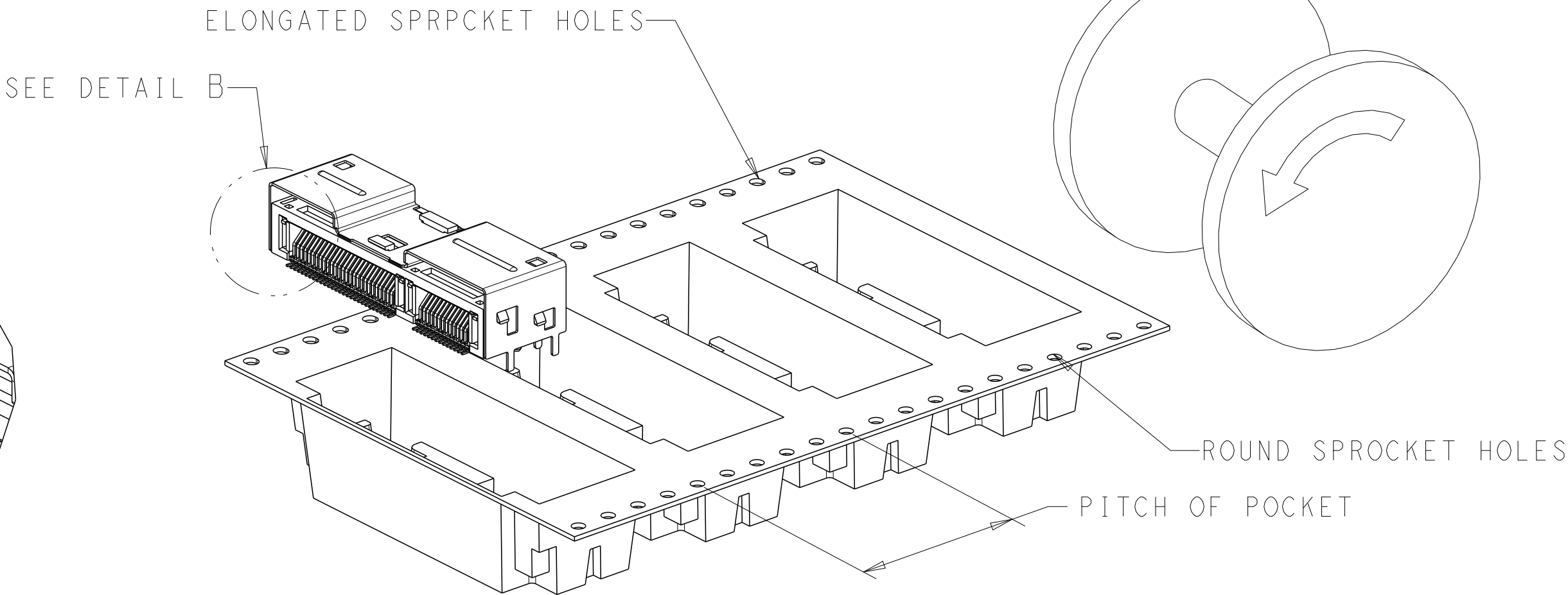
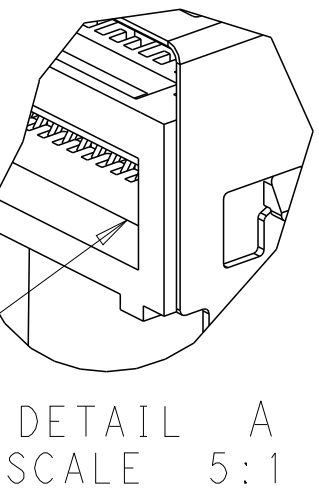
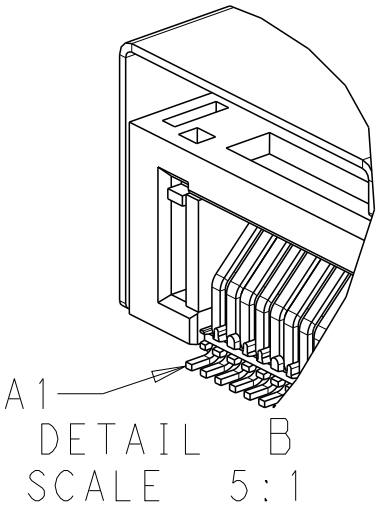


FIGURE 1 
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
FOR 2331814-1, 2331814-2
2331814-4 TO 2331814-9
SCALE 2:1

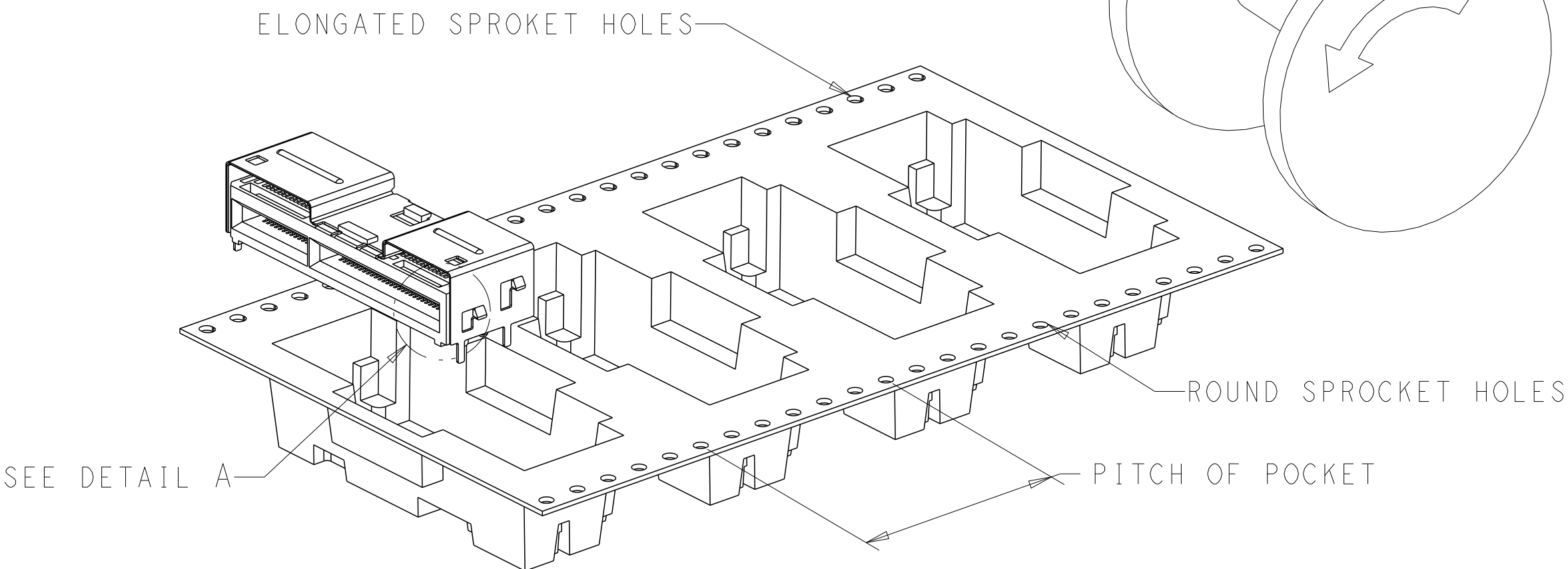
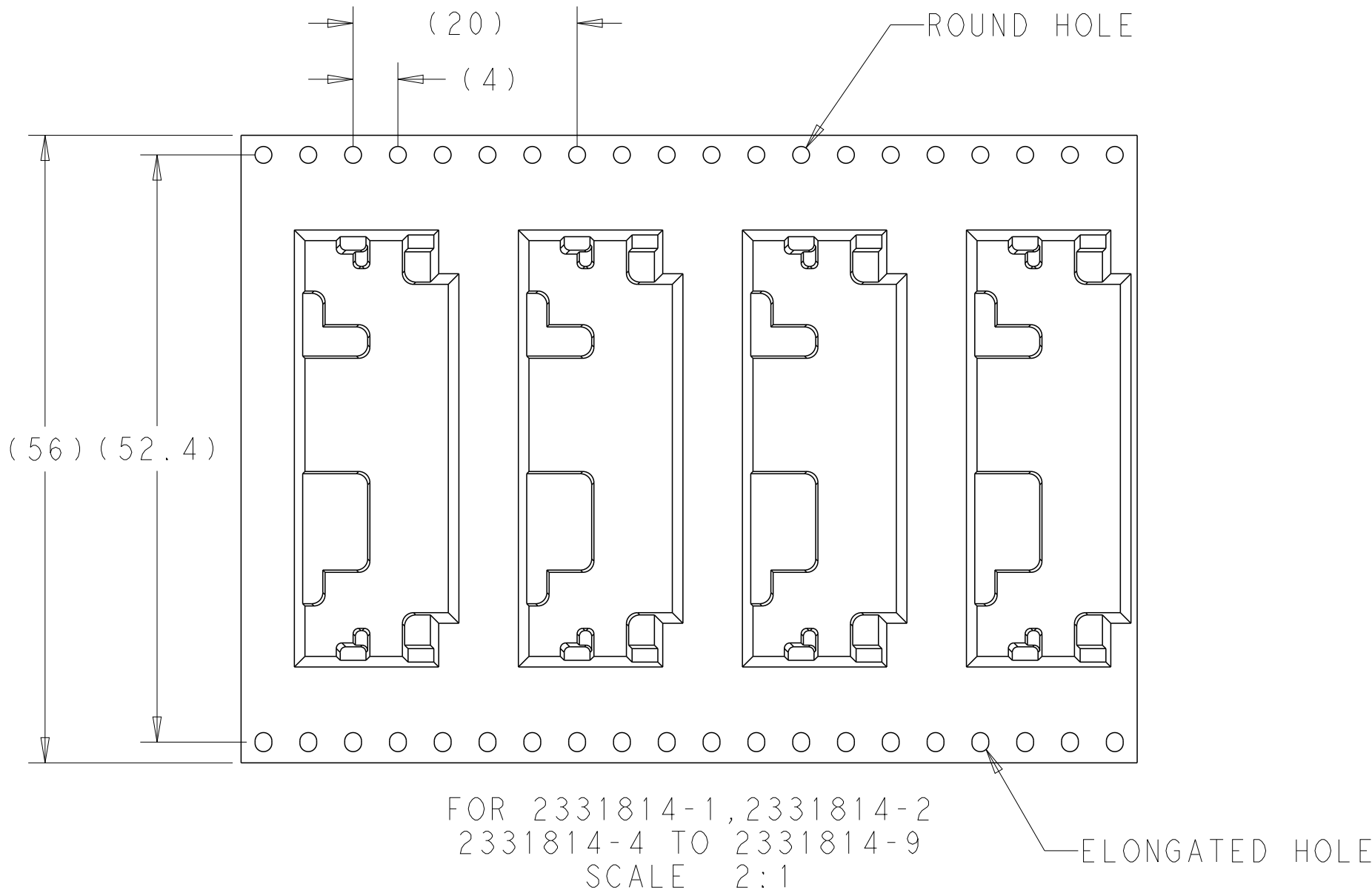
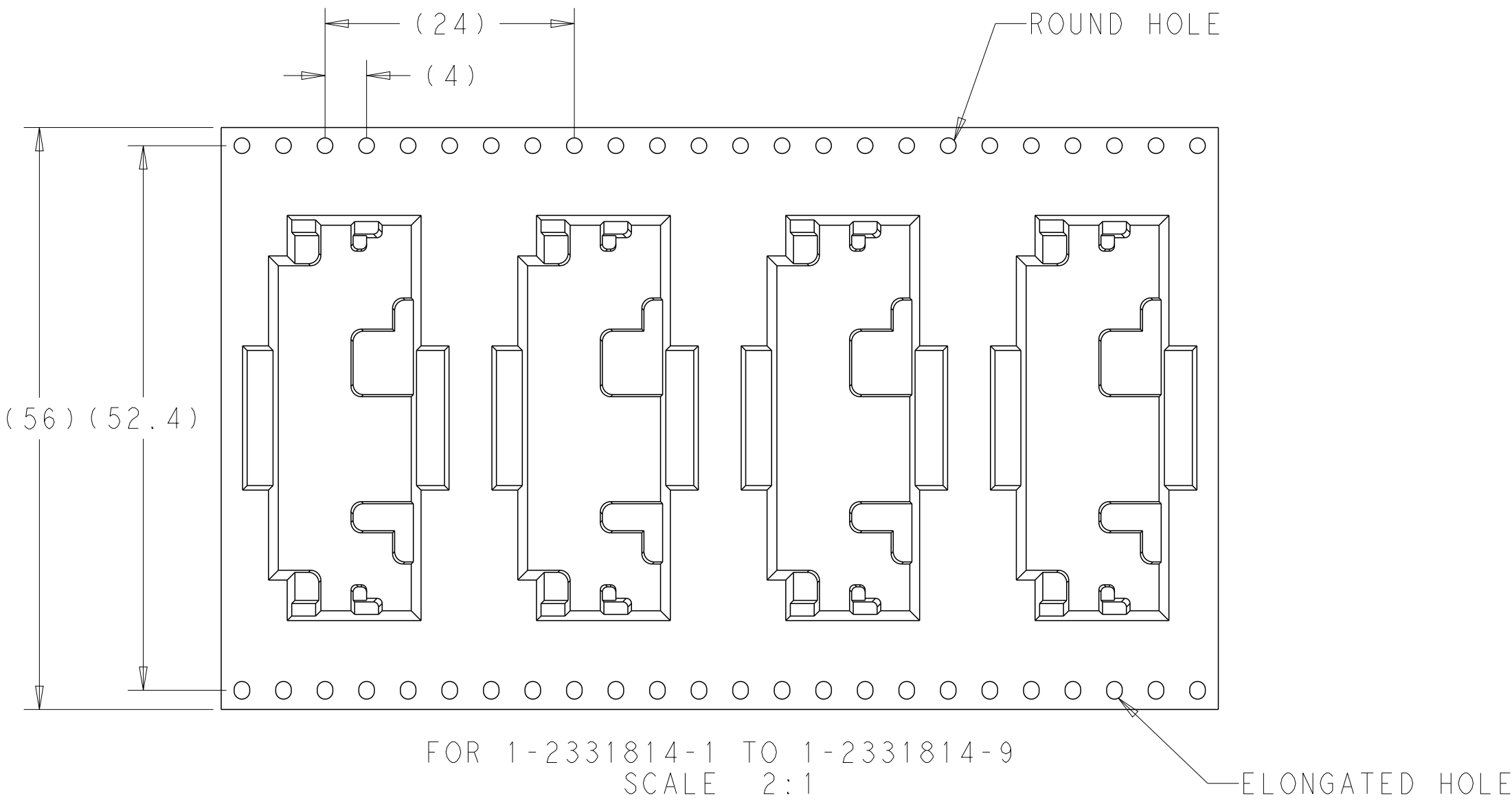


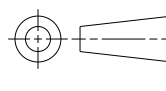
FIGURE 2 
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
FOR 1-2331814-1 TO 1-2331814-9
SCALE 2:1



1.2±0.2	ALL	0.76µm Au	24	300	200	1-2331814-9
		0.38µm Au			100	1-2331814-8
		FLASH Au/PdNi			50	1-2331814-7
1.8 ^{+0.2} / _{-0.1}	ENDS	0.76µm Au	24	300	200	1-2331814-6
		0.38µm Au			100	1-2331814-5
		FLASH Au/PdNi			50	1-2331814-4
1.8 ^{+0.2} / _{-0.1}	ALL	0.76µm Au	24	300	200	1-2331814-3
		0.38µm Au			100	1-2331814-2
		FLASH Au/PdNi			50	1-2331814-1
1.2±0.2	ALL	0.76µm Au	20	350	200	2331814-9
		0.38µm Au			100	2331814-8
		FLASH Au/PdNi			50	2331814-7
1.8 ^{+0.2} / _{-0.1}	ENDS	0.76µm Au	20	350	200	2331814-6
		0.38µm Au			100	2331814-5
		FLASH Au/PdNi			50	2331814-4
1.8 ^{+0.2} / _{-0.1}	ALL	0.76µm Au	20	350	200	2331814-3
		0.38µm Au			100	2331814-2
		FLASH Au/PdNi			50	2331814-1
A	HOLD DOWNS	PLATING	POCKET TAPE PITCH	REEL QUANTITY	MATING CYCLES	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±
FINISH ±

OWN: B. MATTHEWS
CHK: D. HARMON
APVD: D. HARMON

12MAR2018
12MAR2018
12MAR2018

PRODUCT SPEC
108-130021
APPLICATION SPEC
114-130015
WEIGHT

CUSTOMER DRAWING

TE Connectivity

RECEPTACLE ASSEMBLY, RIGHT ANGLE, 84 POSITION, SLIVER 2.0

SIZE: A1
CAGE CODE: -
DRAWING NO: 2331814
RESTRICTED TO: -

SCALE: 10:1
SHEET: 5 OF 6
REV: C2

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

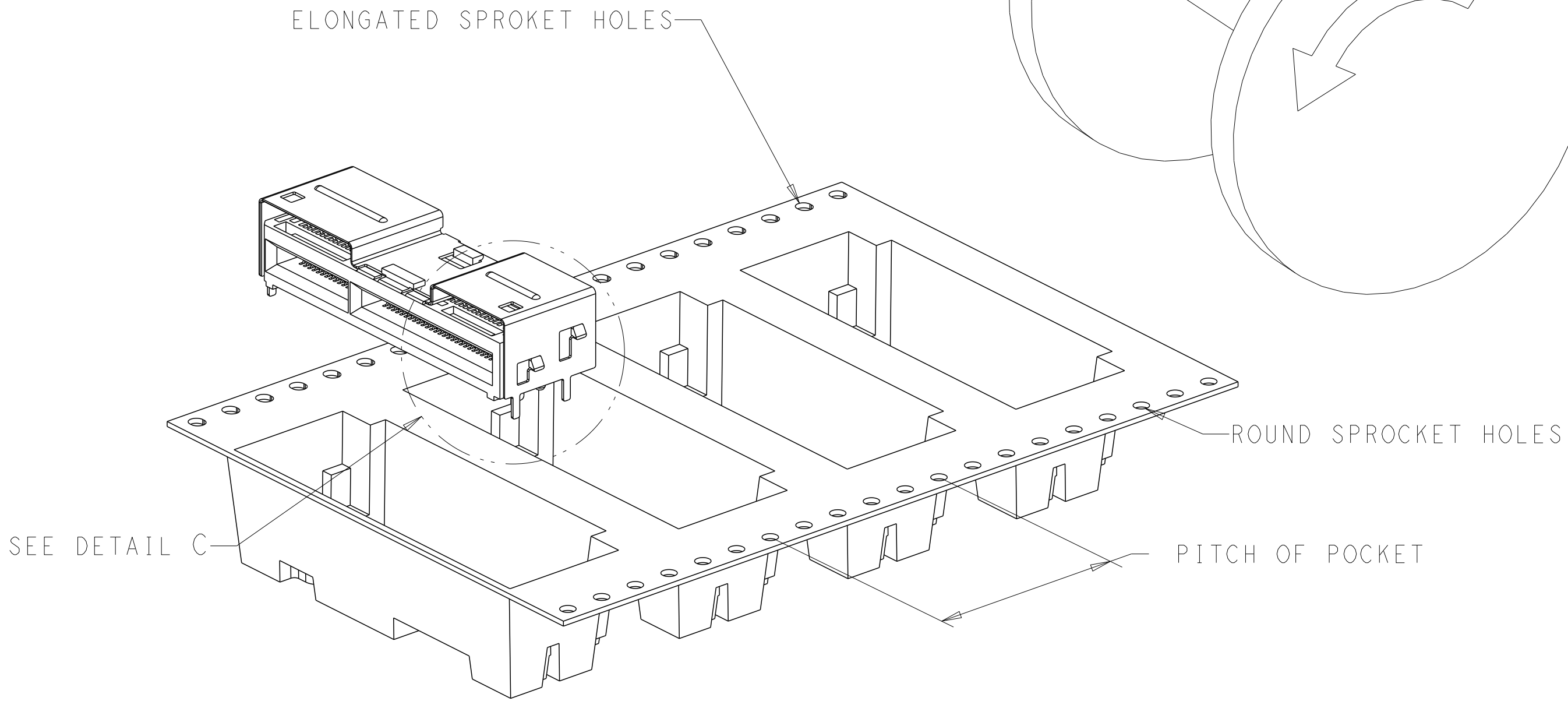
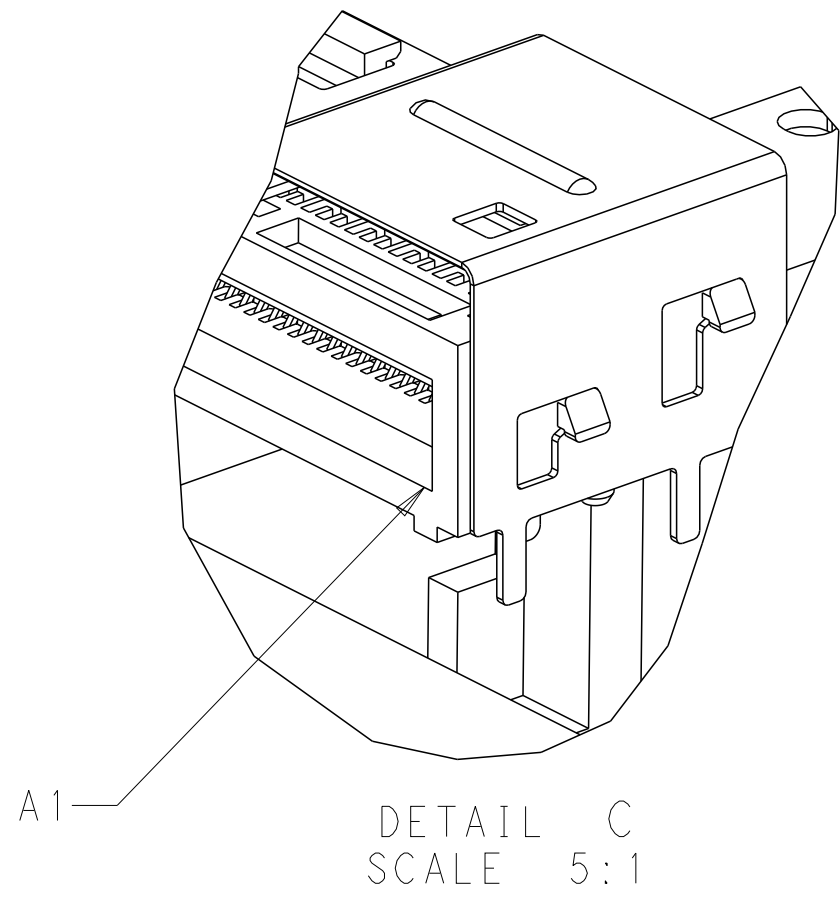
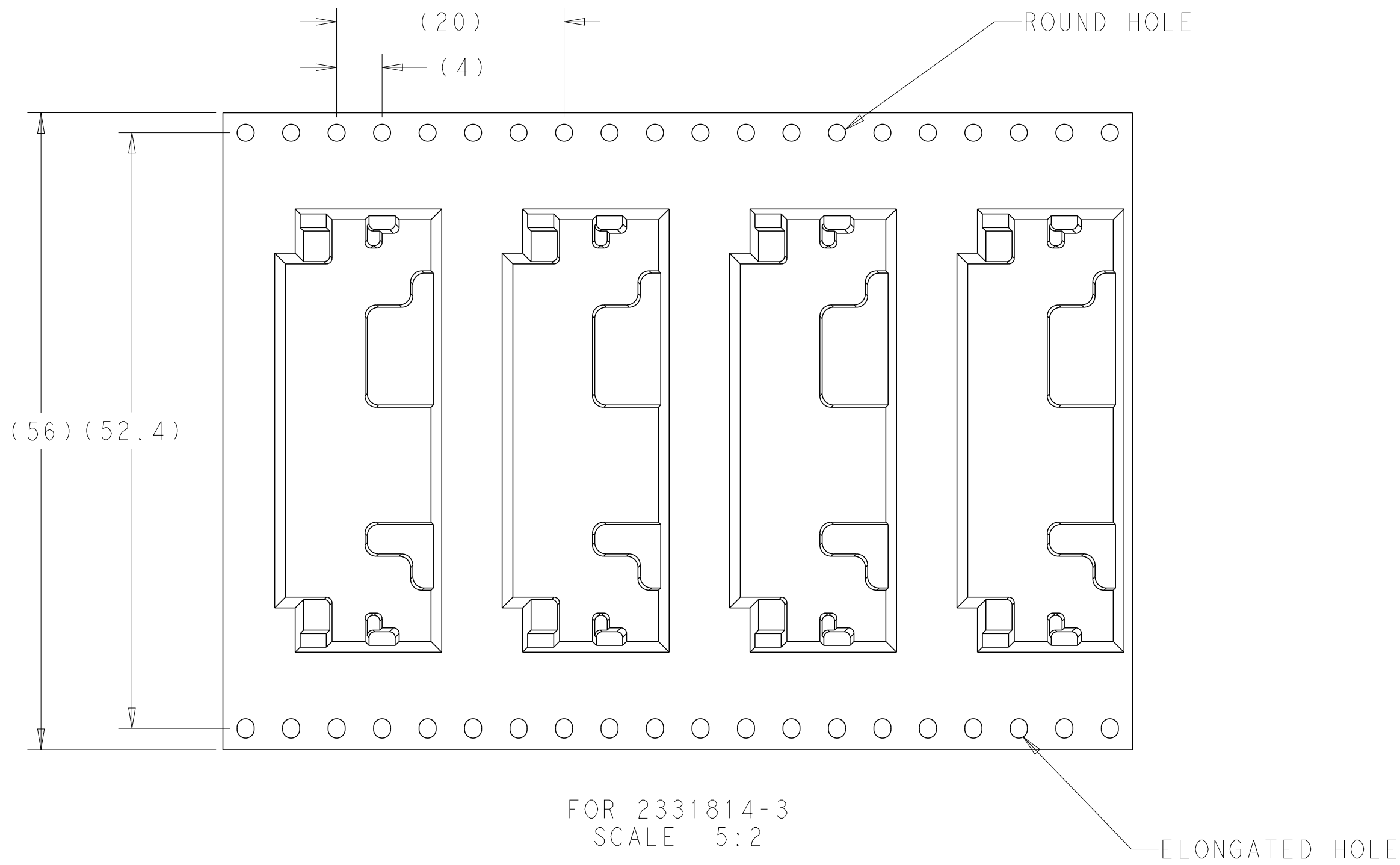


FIGURE 3
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
FOR 2331814-3
SCALE 5:2



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MATTHEWS 12MAR2018	TE Connectivity	
DIMENSIONS:		CHK D. HARMON 12MAR2018		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. HARMON 12MAR2018	NAME	RECEPTACLE ASSEMBLY, RIGHT ANGLE, 84 POSITON, SLIVER 2.0
	0 PLC	±"	PRODUCT SPEC	-
	1 PLC	±"	108-130021	-
	2 PLC	±"	APPLICATION SPEC	-
	3 PLC	±"	114-130015	-
	4 PLC	±"	WEIGHT	-
	ANGLES	±"	CUSTOMER DRAWING	-
MATERIAL		FINISH	SCALE 10:1	SHEET 6 OF 6
			REV C2	