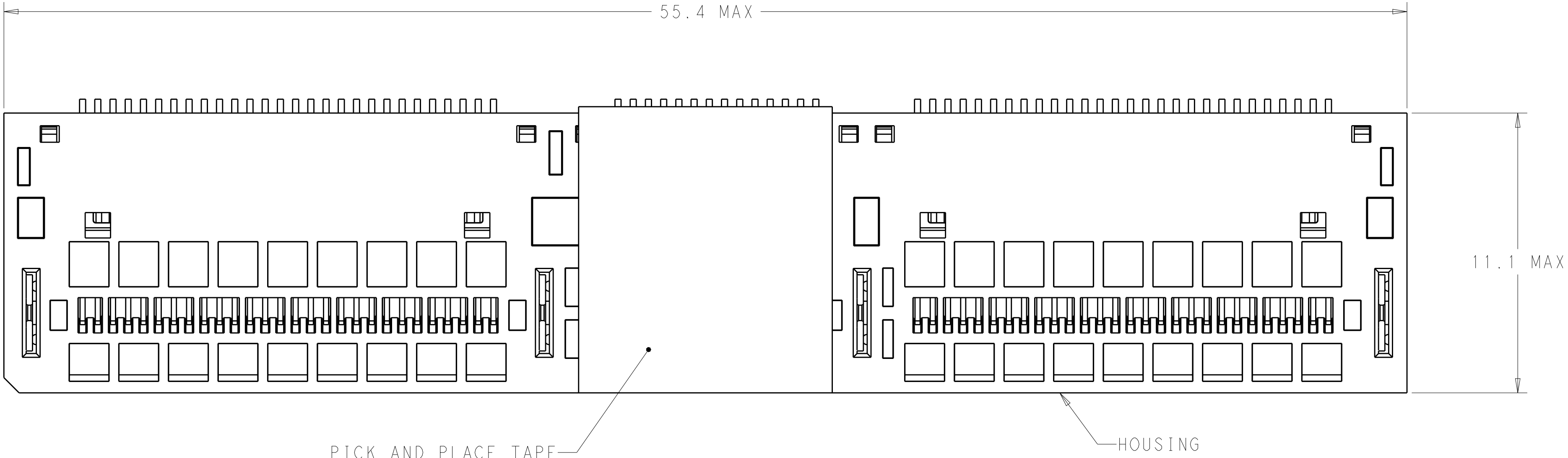
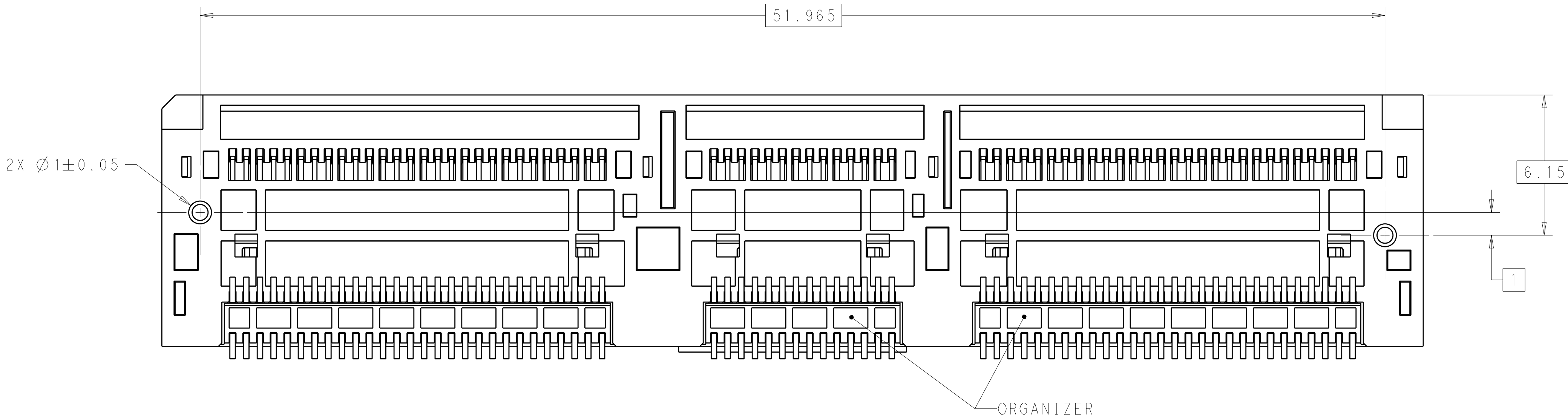
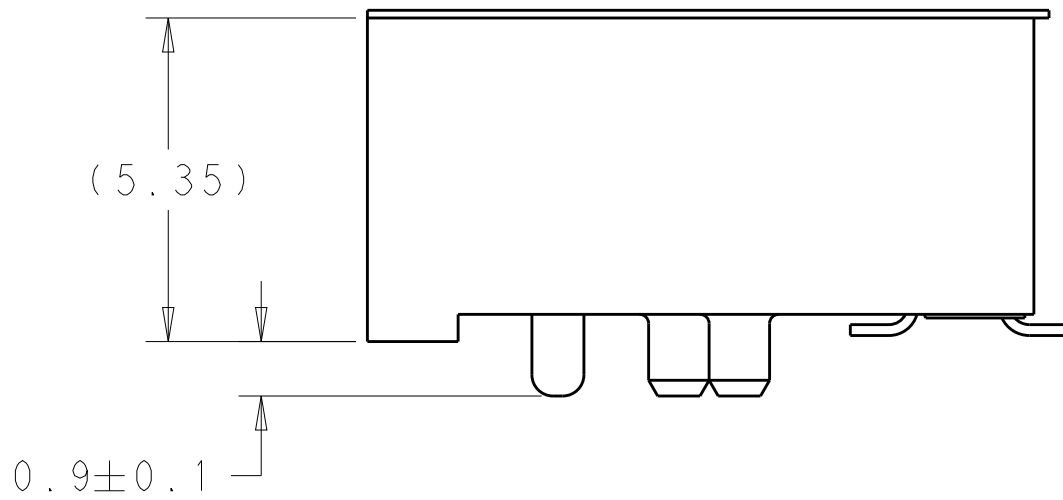
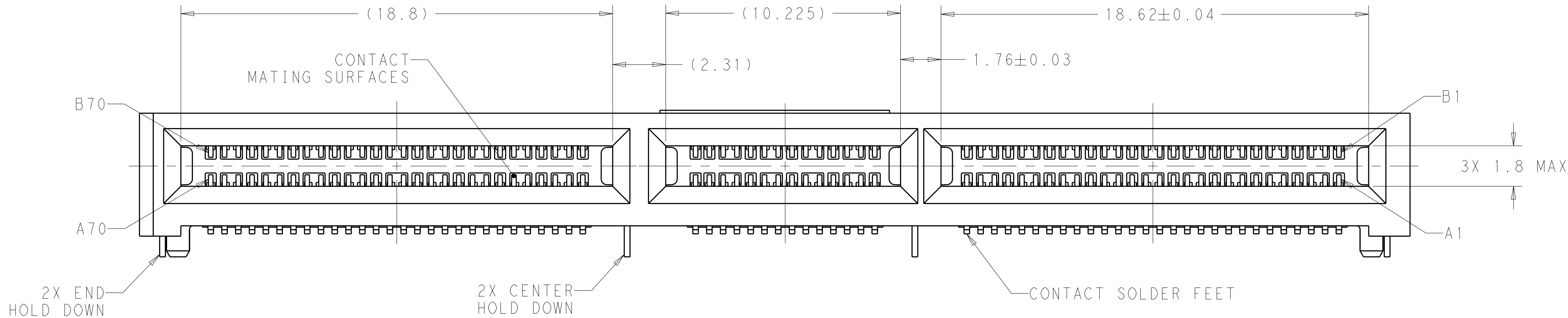


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	15MAY2019	CJV	JW
	B	REVISED PER ECO-19-011736	06AUG2019	AP	JW



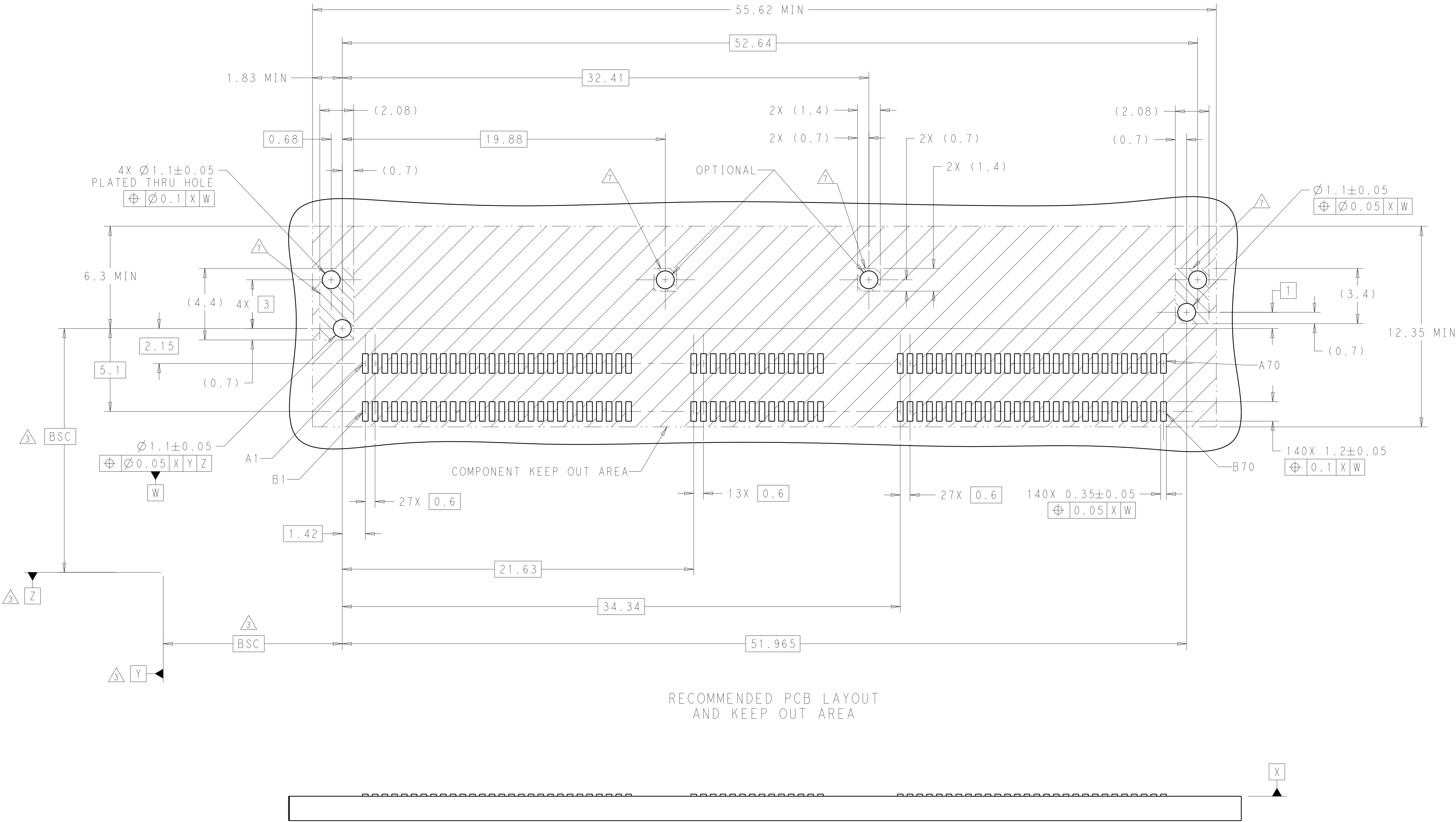
- 1 HOUSING, ORGANIZER, CONTACT OVERMOLDS - LCP, UL94-V0, BLACK.
CONTACTS AND HOLD DOWNS - COPPER ALLOY.
PICK AND PLACE TAPE - POLYIMIDE FILM.
- 2 CONTACTS - GOLD PLATE ON MATING SURFACES,
TIN PLATE ON SOLDER FEET.
HOLD DOWNS - TIN PLATE.
- 3 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
4. MINIMUM HOST PCB THICKNESS: 1.5.
- 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.
- 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 = 72.



SEE SHEET 4
FOR PART TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 22FEB2018	 TE Connectivity		
DIMENSIONS:		CHK D. HARMON 22FEB2018			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. HARMON 22FEB2018	NAME	RECEPTACLE ASSEMBLY, RIGHT ANGLE, 140 POSITION, SILVER 2.0	
	0 PLC ±"	PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO
	1 PLC ±"	108-130021	A100779C=2327670		
	2 PLC ±"	APPLICATION SPEC	RESTRICTED TO		
	3 PLC ±"	114-130008			
	4 PLC ±"	WEIGHT			
	ANGLES ±"	CUSTOMER DRAWING	SCALE 8:1 SHEET 1 OF 4 REV B		
MATERIAL	FINISH				

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



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH ±

MATERIAL

CUSTOMER DRAWING

DWN M. SHIRK 22FEB2018

CHK D. HARMON 22FEB2018

APVD D. HARMON 22FEB2018

PRODUCT SPEC 108-130021

APPLICATION SPEC 114-130008

WEIGHT -

NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 140 POSITION, SILVER 2.0

SIZE A1

CAGE CODE 00779

DRAWING NO C=2327670

RESTRICTED TO -

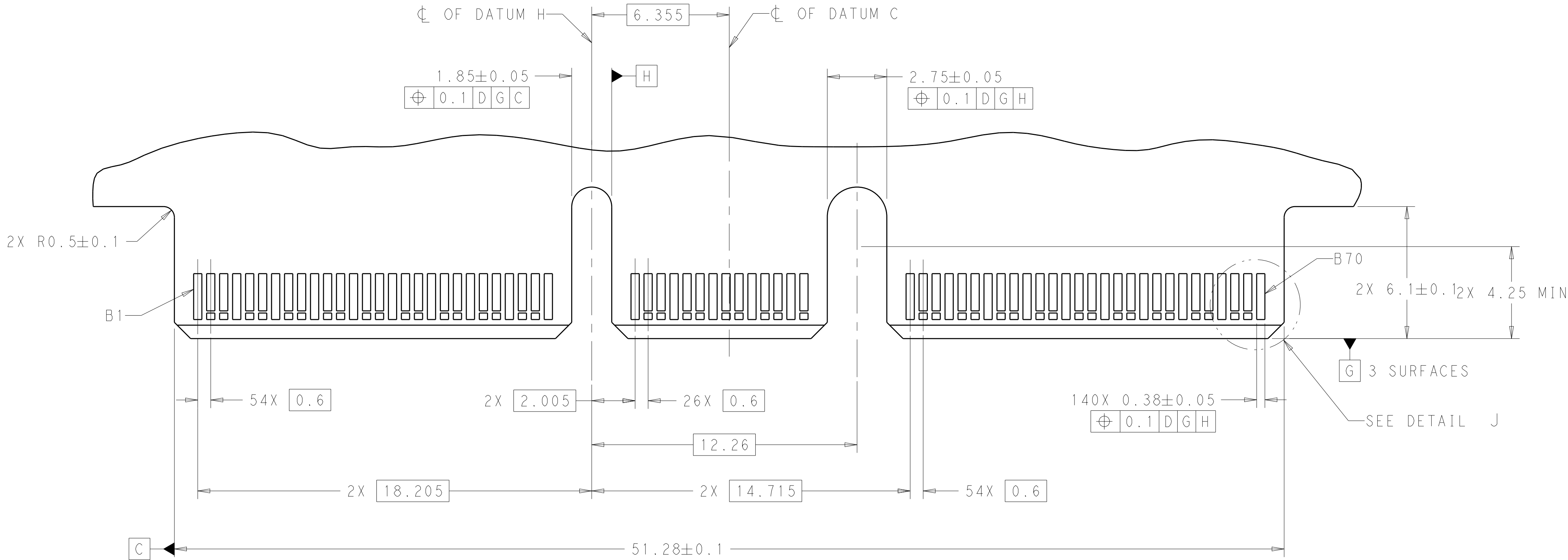
TE Connectivity

SCALE 8:1

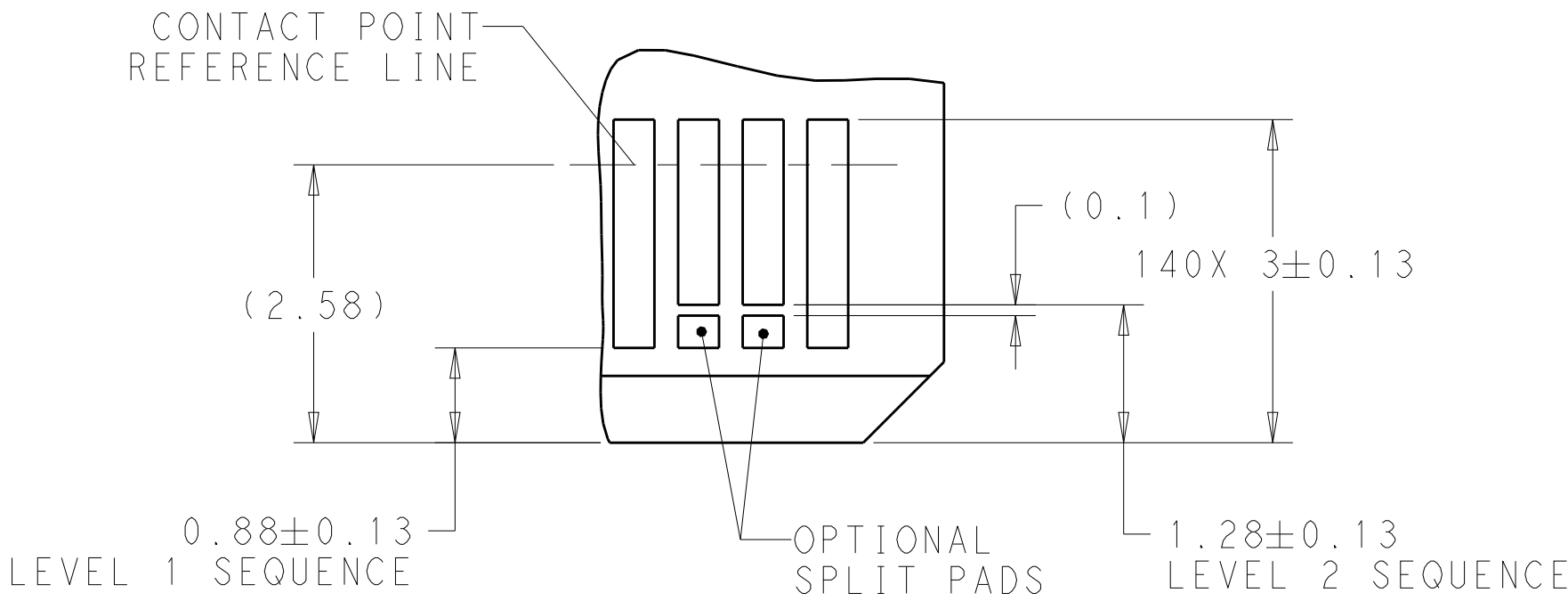
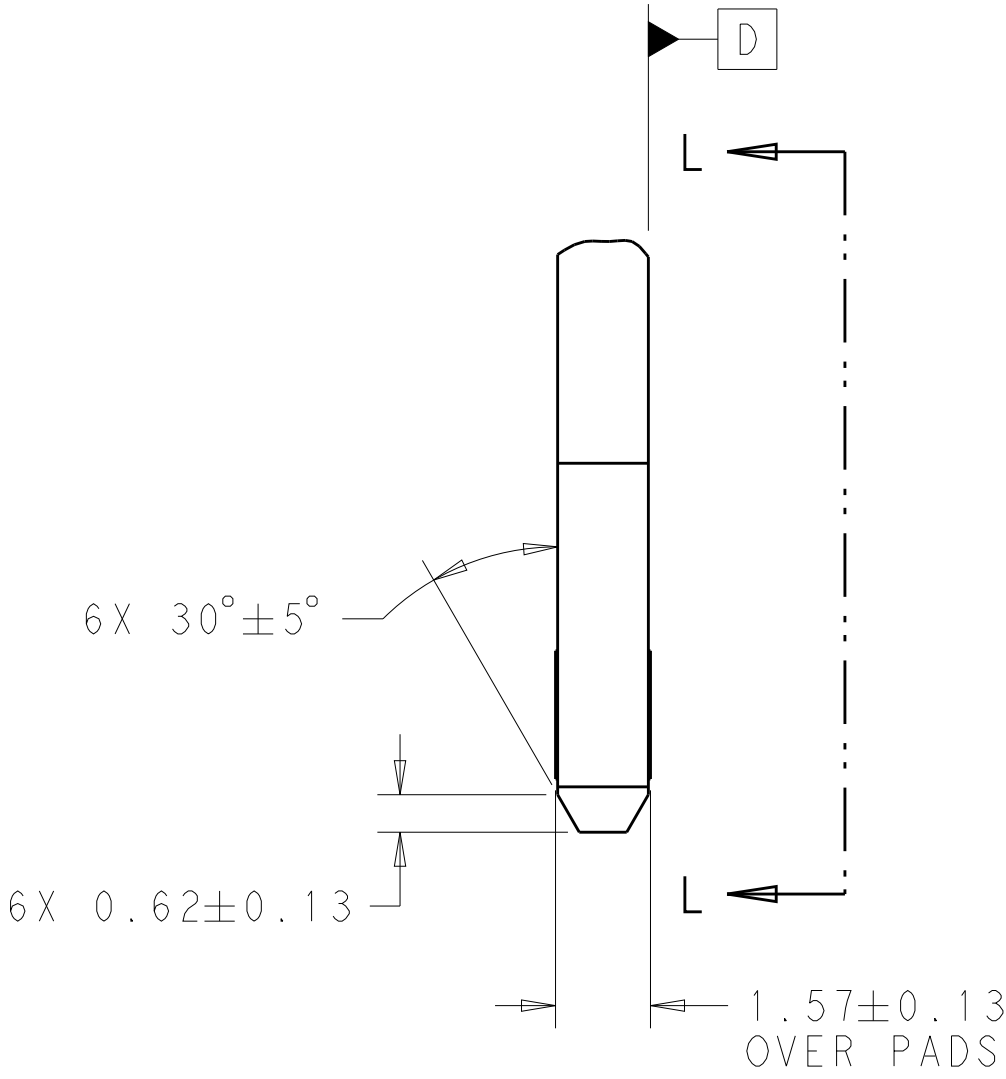
SHEET 2 OF 4

REV B

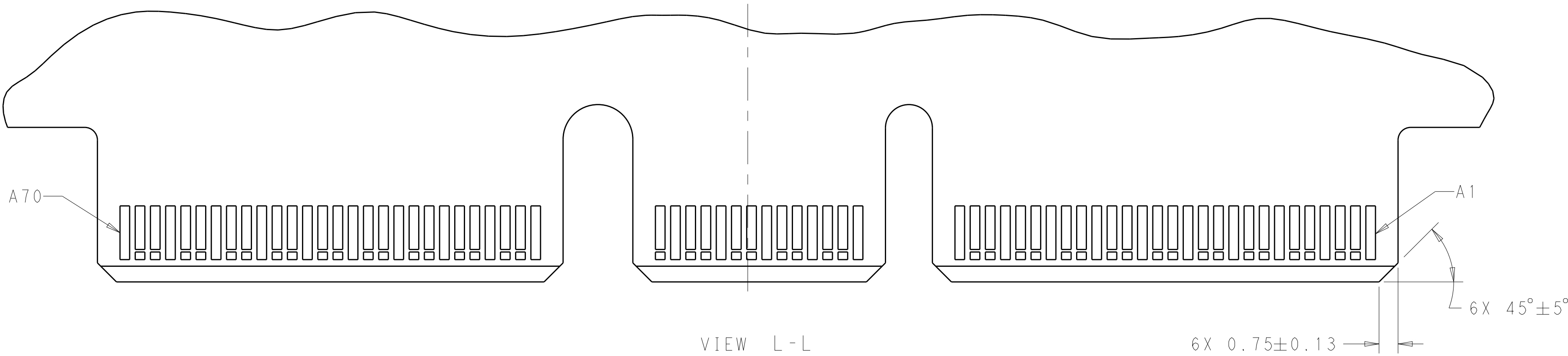
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



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



DETAIL J
SCALE 16:1



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 22FEB2018	TE Connectivity	
DIMENSIONS:		CHK D. HARMON 22FEB2018		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD D. HARMON 22FEB2018	NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 140 POSITION, SILVER 2.0	
	0 PLC ±"	PRODUCT SPEC	SIZE A1	
	1 PLC ±"	108-130021		
	2 PLC ±"	APPLICATION SPEC		
MATERIAL		114-130008	RESTRICTED TO	
		WEIGHT	A100779C=2327670	
		CUSTOMER DRAWING	SCALE 8:1 SHEET 3 OF 4 REV B	

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

CONTACT NUMBER	SIDE A	SIDE B
36	SIGNAL	SIGNAL
37	SIGNAL	SIGNAL
38	GROUND	GROUND
39	SIGNAL	SIGNAL
40	SIGNAL	SIGNAL
41	GROUND	GROUND
42	GROUND	GROUND
43	GROUND	GROUND
44	SIGNAL	SIGNAL
45	SIGNAL	SIGNAL
46	GROUND	GROUND
47	SIGNAL	SIGNAL
48	SIGNAL	SIGNAL
49	GROUND	GROUND
50	SIGNAL	SIGNAL
51	SIGNAL	SIGNAL
52	GROUND	GROUND
53	SIGNAL	SIGNAL
54	SIGNAL	SIGNAL
55	GROUND	GROUND
56	SIGNAL	SIGNAL
57	SIGNAL	SIGNAL
58	GROUND	GROUND
59	SIGNAL	SIGNAL
60	SIGNAL	SIGNAL
61	GROUND	GROUND
62	SIGNAL	SIGNAL
63	SIGNAL	SIGNAL
64	GROUND	GROUND
65	SIGNAL	SIGNAL
66	SIGNAL	SIGNAL
67	GROUND	GROUND
68	SIGNAL	SIGNAL
69	SIGNAL	SIGNAL
70	GROUND	GROUND

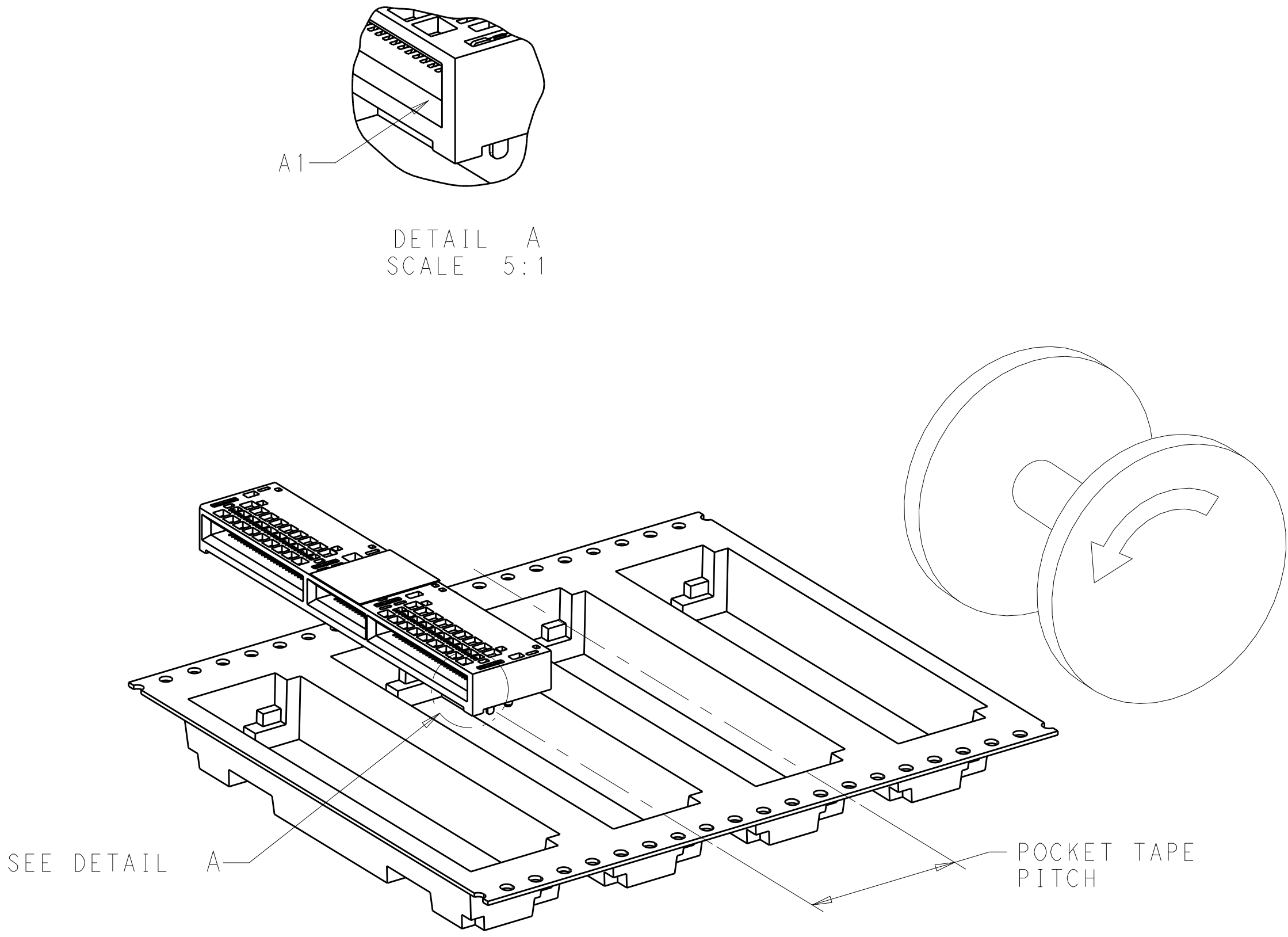
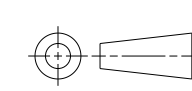


FIGURE 1 
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2327670-1 THRU 2327670-6
SCALE 2:1

ENDS	0.76µm Au	24	400	NO	200	1-2327670-6
ENDS	0.38µm Au				100	1-2327670-5
ENDS	FLASH Au/PdNi				50	1-2327670-4
ALL	0.76µm Au	24	400	NO	200	1-2327670-3
ALL	0.38µm Au				100	1-2327670-2
ALL	FLASH Au/PdNi				50	1-2327670-1
ENDS	0.76µm Au	20	500	YES	200	2327670-6
ENDS	0.38µm Au				100	2327670-5
ENDS	FLASH Au/PdNi				50	2327670-4
ALL	0.76µm Au	20	500	YES	200	2327670-3
ALL	0.38µm Au				100	2327670-2
ALL	FLASH Au/PdNi				50	2327670-1
HOLD DOWNS	PLATING	POCKET TAPE PITCH	REEL QUANTITY	PICK AND PLACE TAPE	MATING CYCLES	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 22FEB2018	 TE Connectivity
		CHK D. HARMON 22FEB2018	
		APVD D. HARMON 22FEB2018	
		PRODUCT SPEC	
		108-130021	
DIMENSIONS:		APPLICATION SPEC	NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 140 POSITION, SILVER 2.0
mm		114-130008	
		WEIGHT -	
MATERIAL		CUSTOMER DRAWING	
		SCALE 8:1	
		SHEET 4 OF 4	REV B

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