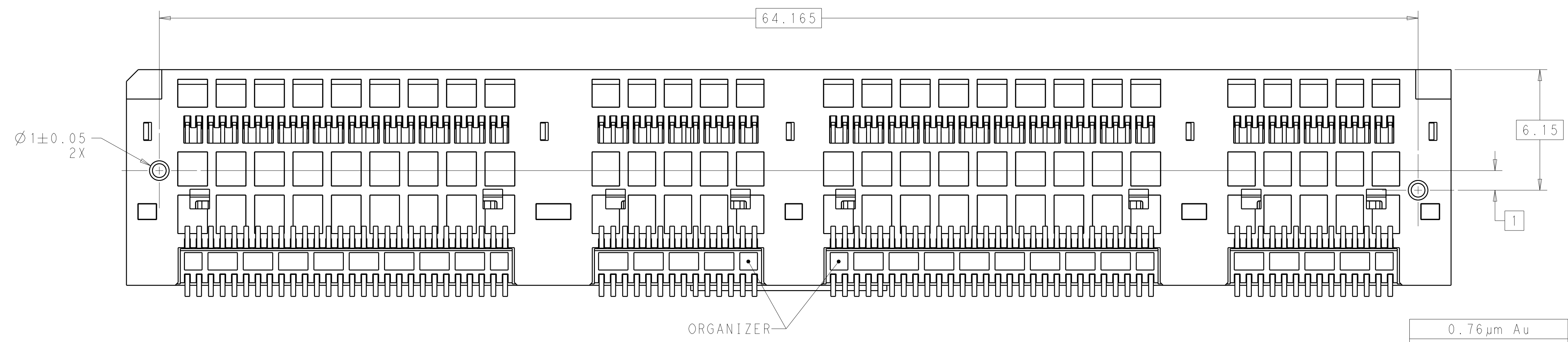
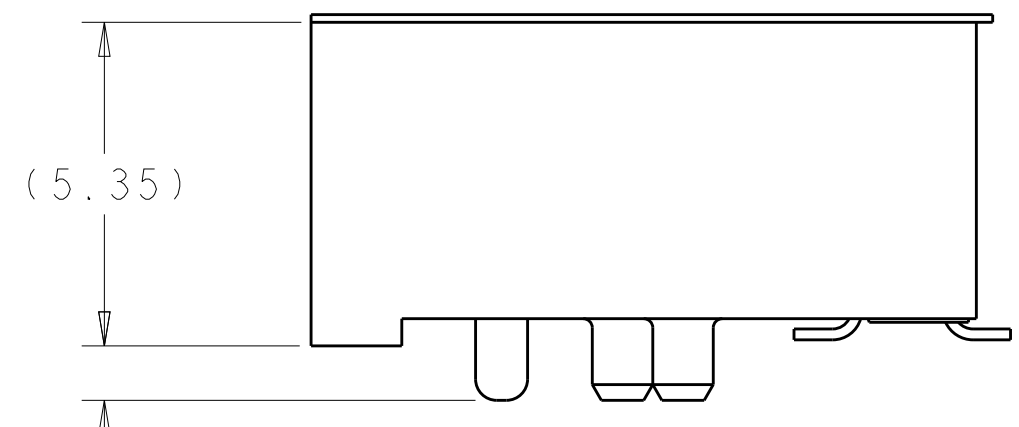
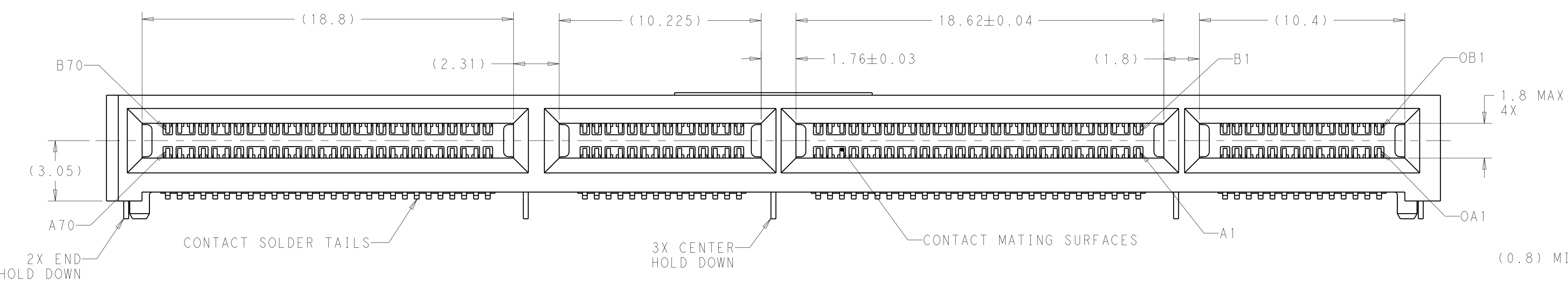
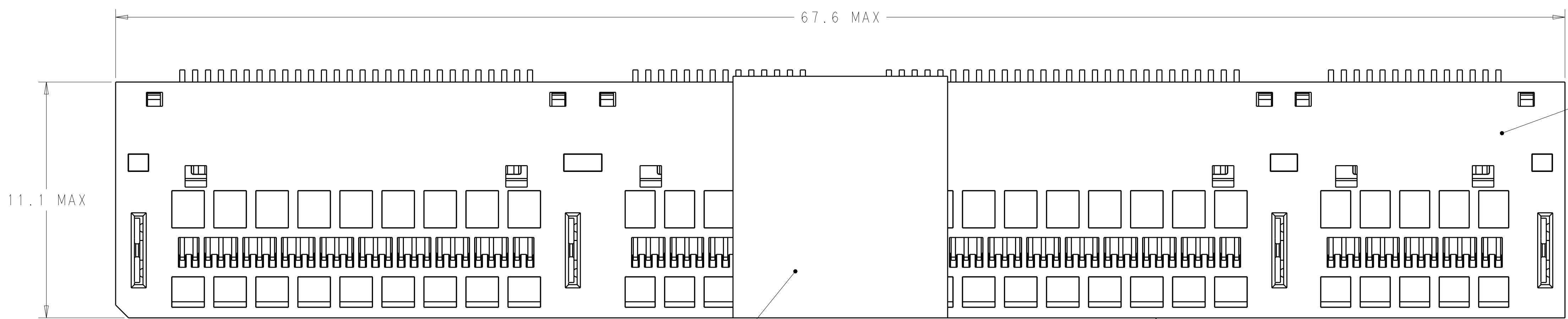


REVISIONS				
P.	LTH	DESCRIPTION	DATE	OWN APVD
5		REVISED NOTE 9, ADDED TAPE WIDTH OF 88	15FEB2019	MS JW
6		REVISED NOTE 9 AND FIGURE 1	13MAR2019	MS JW



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CONTACT PRODUCT ENGINEERING  
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- 1 HOUSING, ORGANIZER, CONTACT OVERMOLDS - LCP, BLACK, UL94V-0 RATED. CONTACTS AND HOLD DOWNS - COPPER ALLOY. PICK AND PLACE TAPE - POLYIMIDE FILM.
- 2 CONTACTS - GOLD PLATE ON MATING SURFACES, TIN PLATE ON SOLDER TAILS. HOLD DOWNS - TIN PLATE.
- 3 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4. DESIGNED FOR A 1.5 MIN THICK HOST PC BOARD.
- 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 DATE CODE MARKED IN APPROXIMATE AREA SHOWN.
- 9 SOFT TRAY PACKAGED FOR PICK AND PLACE SURFACE MOUNT PROCESSING, SEE FIGURE 1.

0.76µm Au	NO	ALL	200	2336568-9
0.38µm Au			100	2336568-8
FLASH Au/Pd Ni			50	2336568-7
0.76µm Au	YES	ENDS	200	2336568-6
0.38µm Au			100	2336568-5
FLASH Au/Pd Ni	YES	ALL	50	2336568-4
0.76µm Au			200	2336568-3
0.38µm Au			100	2336568-2
FLASH Au/Pd Ni			50	2336568-1
PLATING	PICK AND PLACE TAPE	HOLD DOWNS	MATING CYCLES	PART NUMBER

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OWN: C. VALENTIN, 10MAY2018  
 CHG: D. HARMON, 10MAY2018  
 APVD: D. HARMON, 10MAY2018

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

MATERIAL:

PRODUCT SPEC: 108-130021  
 APPLICATION SPEC: 114-130008

WEIGHT: -

SIZE: A1  
 CAGE CODE: -  
 DRAWING NO: 2336568

CUSTOMER DRAWING

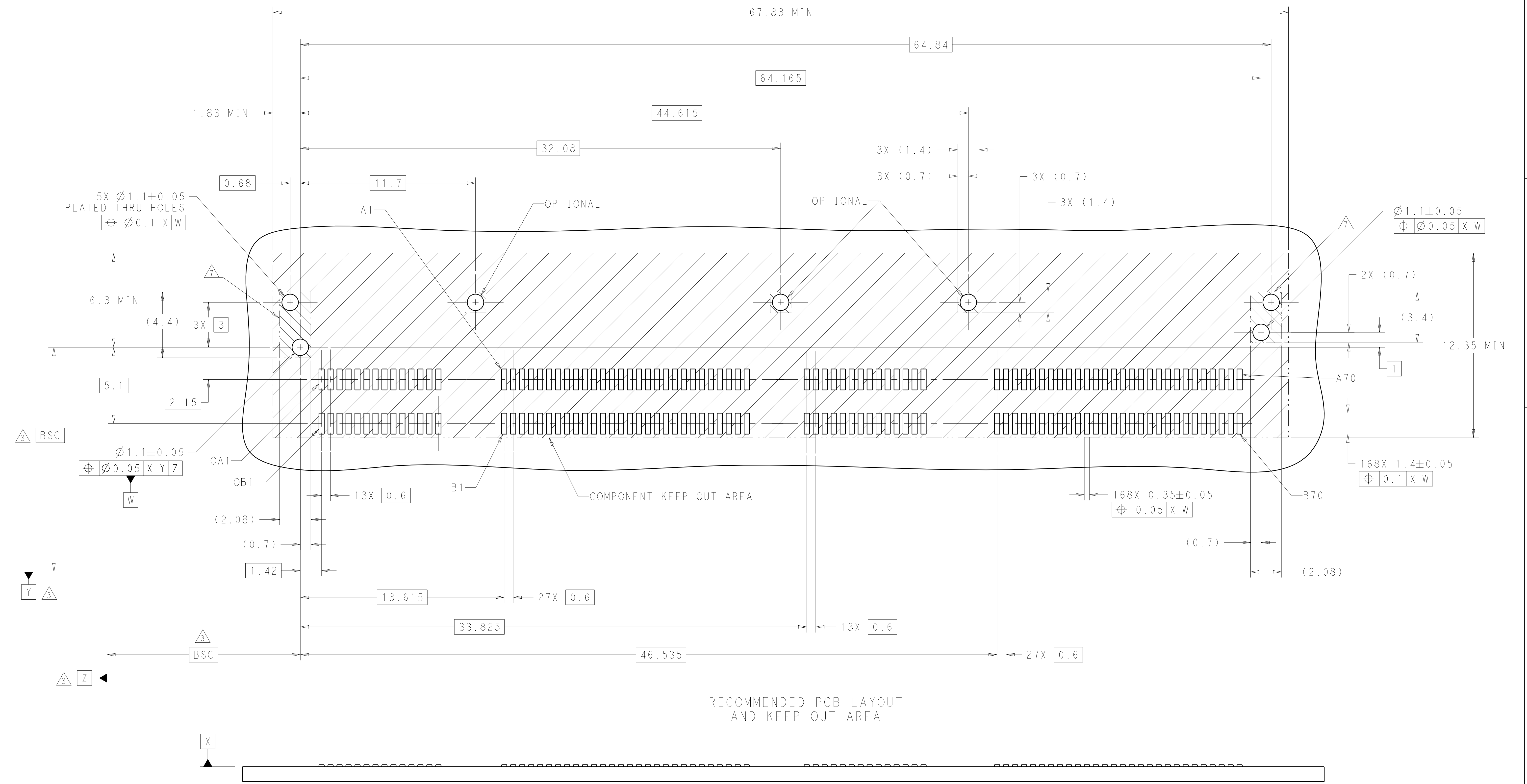
SCALE: 8:1  
 SHEET: 1 OF 4  
 REV: 6

**PRELIMINARY**

RECEPTACLE ASSEMBLY, RIGHT ANGLE  
 168 POSITION, SILVER 2.0

STE TE Connectivity

REVISIONS				
P.	LTN.	DESCRIPTION	DATE	APP'D.
-	-	SEE SHEET 1	-	-

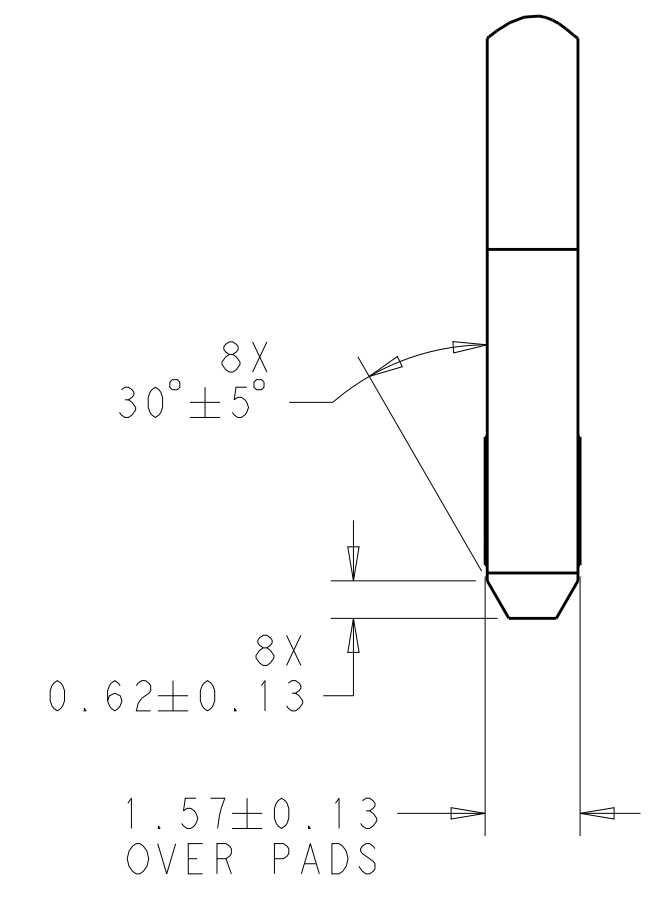
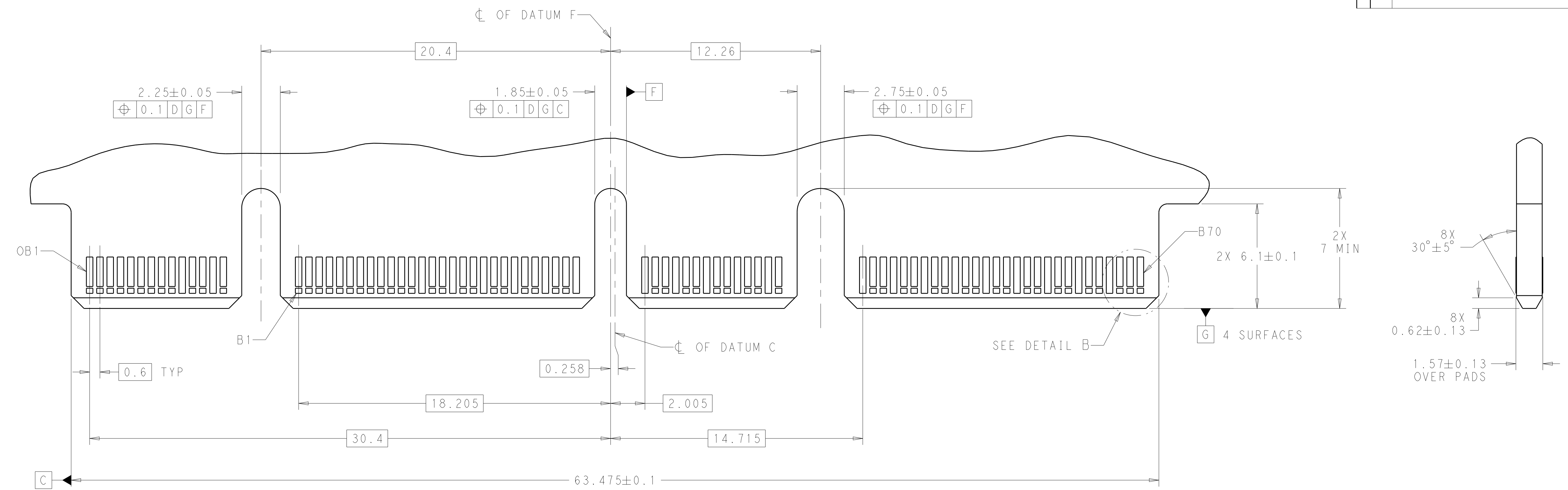


RECOMMENDED PCB LAYOUT AND KEEP OUT AREA

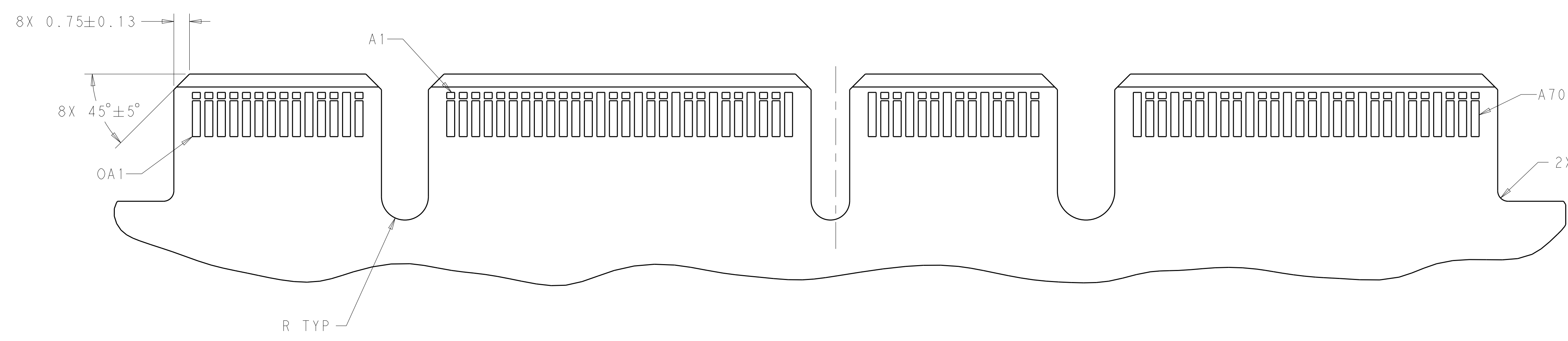
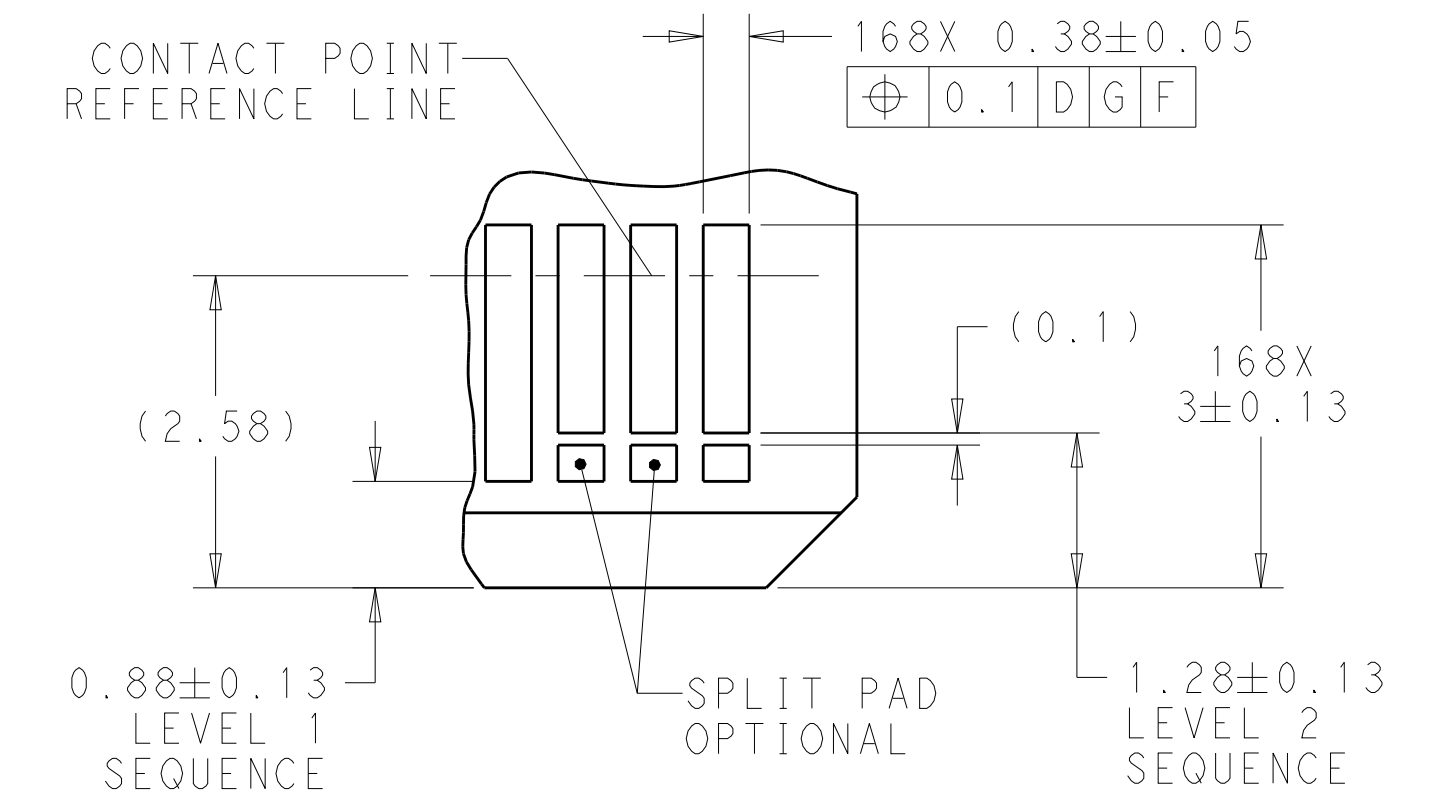
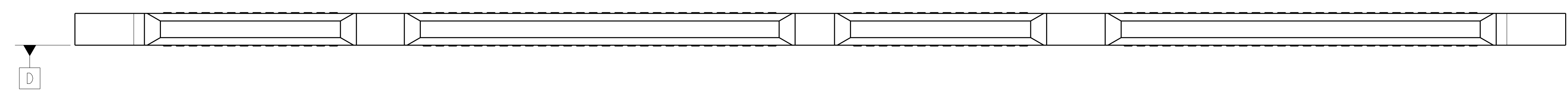
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THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN: C. VALENTINE 10MAY2018	TE Connectivity
DIMENSIONS: mm		CHK: D. HARMON 10MAY2018	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D: D. HARMON 10MAY2018	NAME: RECEPTACLE ASSEMBLY, RIGHT ANGLE, 168 POSITION, SILVER 2.0
0 PLC ±	1 PLC ±	PRODUCT SPEC: 108-130021	SIZE: A1
2 PLC ±	3 PLC ±	APPLICATION SPEC: 114-130008	CAGE CODE: -
4 PLC ±	ANGLES ±	WEIGHT: -	DRAWING NO: C=2336568
MATERIAL:	FINISH:	CUSTOMER DRAWING	RESTRICTED TO: -
SCALE: 10:1			SHEET 2 OF 4
REV: 6			

REVISIONS				
REV	DATE	DESCRIPTION	BY	APPV
-	-	SEE SHEET 1	-	-



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



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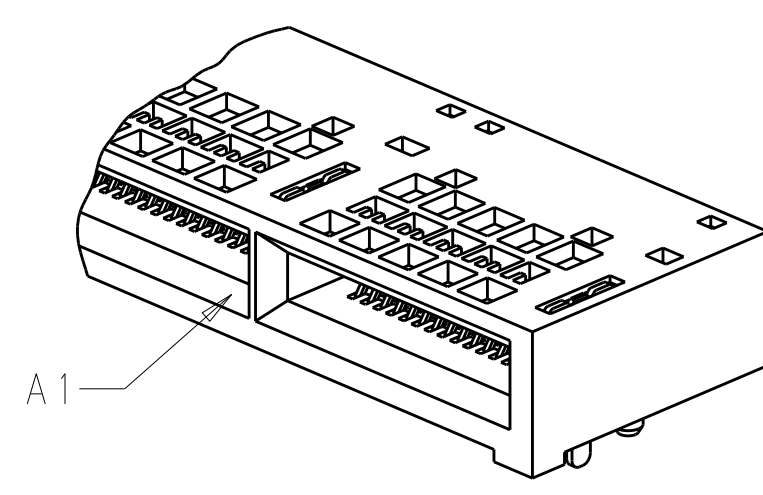
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: C. VALENTINE 10MAY2018 CHK: D. HARMON 10MAY2018 APVD: D. HARMON 10MAY2018	TE Connectivity
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± MATERIAL FINISH	NAME: RECEPTACLE ASSEMBLY, RIGHT ANGLE, 168 POSITON, SILVER 2.0 PRODUCT SPEC: 108-130021 APPLICATION SPEC: 114-130008 WEIGHT: - CUSTOMER DRAWING	

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

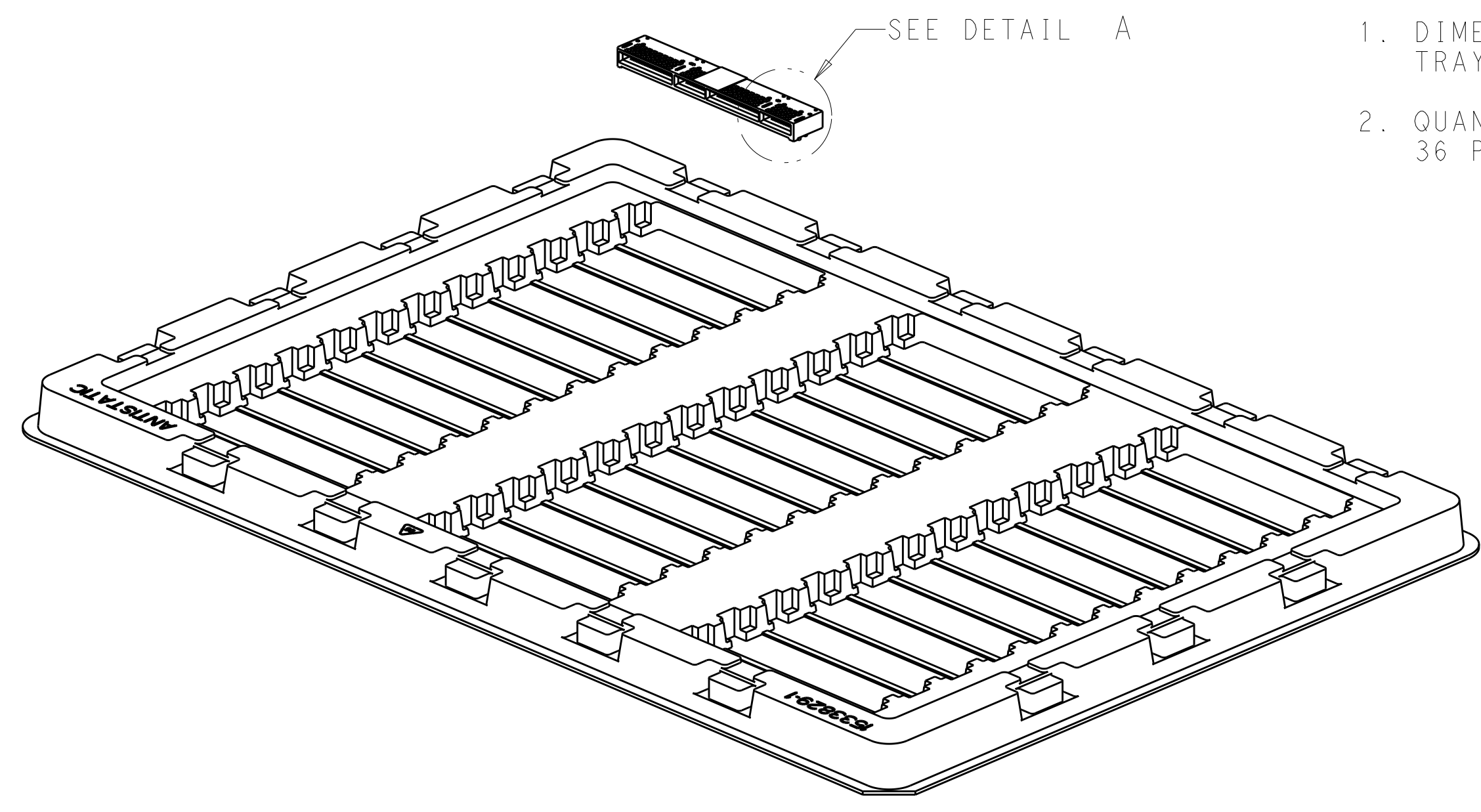
CONTACT NUMBER	SIDE A	SIDE B
1	GROUND	GROUND
2	SIGNAL	SIGNAL
3	SIGNAL	SIGNAL
4	GROUND	GROUND
5	SIGNAL	SIGNAL
6	SIGNAL	SIGNAL
7	GROUND	GROUND
8	SIGNAL	SIGNAL
9	SIGNAL	SIGNAL
10	GROUND	GROUND
11	SIGNAL	SIGNAL
12	SIGNAL	SIGNAL
13	GROUND	GROUND
14	SIGNAL	SIGNAL
15	SIGNAL	SIGNAL
16	GROUND	GROUND
17	SIGNAL	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

CONTACT NUMBER	SIDE OA	SIDE OB
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	GROUND	GROUND



DETAIL A  
SCALE 4:1



- DIMENSIONS:  
TRAY: L= (335), W= (230), H= (14)
- QUANTITY:  
36 PIECES PER TRAY.

CONNECTOR CONTACT IDENTIFICATION

FIGURE 1  
SOFT TRAY PACKAGING  
SHOWN AS 2336568-1 THRU 2336568-6  
SCALE 3:4

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: C. VALENTINE 10MAY2018 CHK: D. HARMON 10MAY2018 APVD: D. HARMON 10MAY2018	TE Connectivity
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		NAME: RECEPTACLE ASSEMBLY, RIGHT ANGLE, 168 POSITION, SILVER 2.0 PRODUCT SPEC: 108-130021 APPLICATION SPEC: 114-130008 WEIGHT: - MATERIAL: - FINISH: -	
CUSTOMER DRAWING		SIZE: A1 CAGE CODE: - DRAWING NO: C=2336568	RESTRICTED TO: - SCALE: 8:1 SHEET: 4 OF 4 REV: 6

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- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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