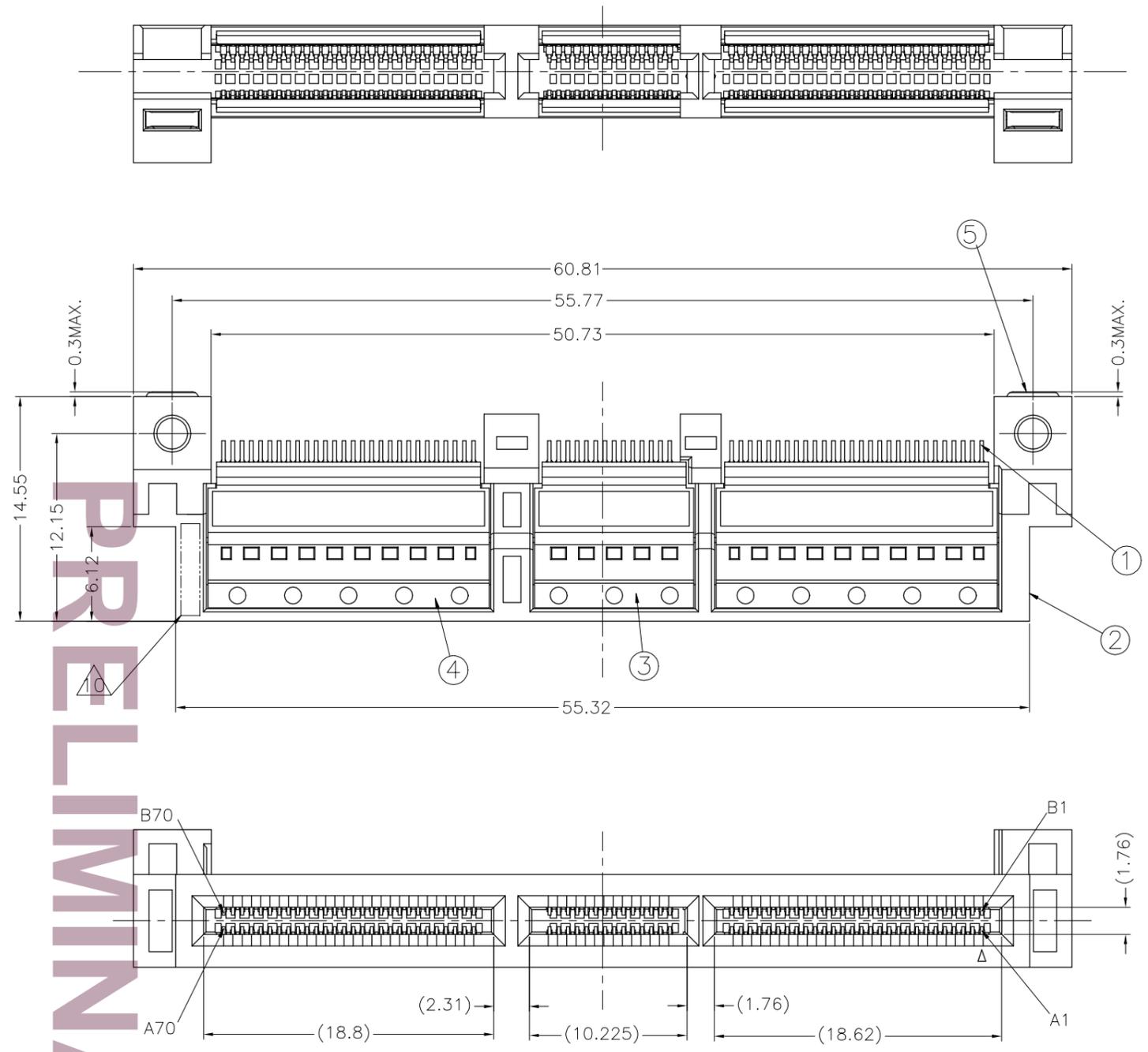


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	9	PRELIMINARY	12JUN2019	J.T	K.K

- NOTE**
- ① HOUSING AND COVER: LCP, UL94-V0, BLACK.  
CONTACTS: COPPER ALLOY.
  - ② GOLD PLATE ON CONTACT AREA.  
TIN PLATE ON SOLDER TAIL AREA.
  - ③ APPLICABLE HOST BOARD THICKNESS
  - ④ OFFSET AMOUNT BETWEEN AIC BOARD AND HOST BOARD CENTER LINE.
  - 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 RECOMMENDED 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 CONTROLLED ACROSS PADS.
  - ⑧ THIS LAYOUT IS ADOPTED IN SFF-TA-1002 Rev 1.1
  - ⑨ SCREW IS ENCLOSED BY SEPARATE PACKING.  
SCREW SIZE: M2  
SCREW LENGTH(REF): 6  
HEAD SIZE(REF):  $\phi 3.5$ , 1.3HEIGHT
  - ⑩ DATE CODE MARKING.
  - ⑪ CONNECTOR MUST BE FIXED ON PCB BY SCREW AFTER SOLDERING.



PLATING	PACKAGING	SCREW INCLUSION	④ DIM A	③ DIM B (HOST BOARD THICKNESS)	PARTS No.
0.76 $\mu$ m Au	SOFT TRAY	YES	0	1.57 $\pm 0.15$	2340324-1
		NO	0	1.57 $\pm 0.15$	2340324-3
		YES	0.3	1.93 $\pm 0.19$	1-2340324-2
		NO	0	2.36 $\pm 0.23$	2-2340324-1
	HARD TRAY	YES	0	2.36 $\pm 0.23$	2-2340324-3
		YES	0	1.57 $\pm 0.15$	5-2340324-1
		NO	0	1.57 $\pm 0.15$	5-2340324-3
		YES	0.3	1.93 $\pm 0.19$	6-2340324-2
		NO	0.3	1.93 $\pm 0.19$	6-2340324-4
		YES	0	2.36 $\pm 0.23$	7-2340324-1
NO	0	2.36 $\pm 0.23$	7-2340324-3		

QTY	NAME	ITEM No.
2	M2 SCREW	
2	M2 NUT PLATE	⑤
4	COVER HOUSING 28P	④
2	COVER HOUSING 14P	③
1	HOUSING	②
140	CONTACT	①

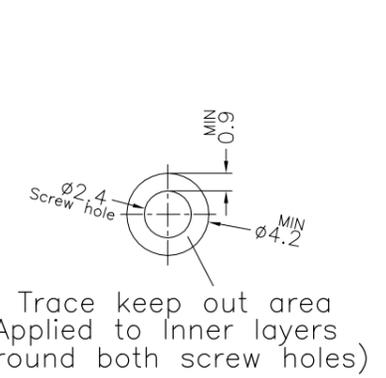
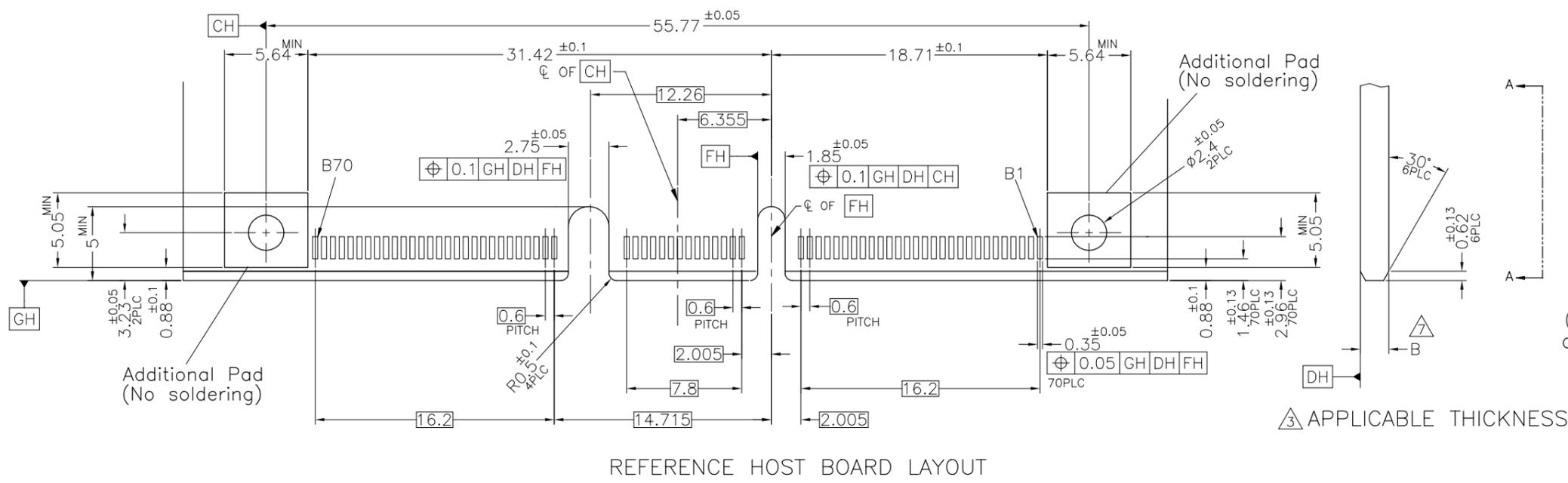
HVM DESIGN

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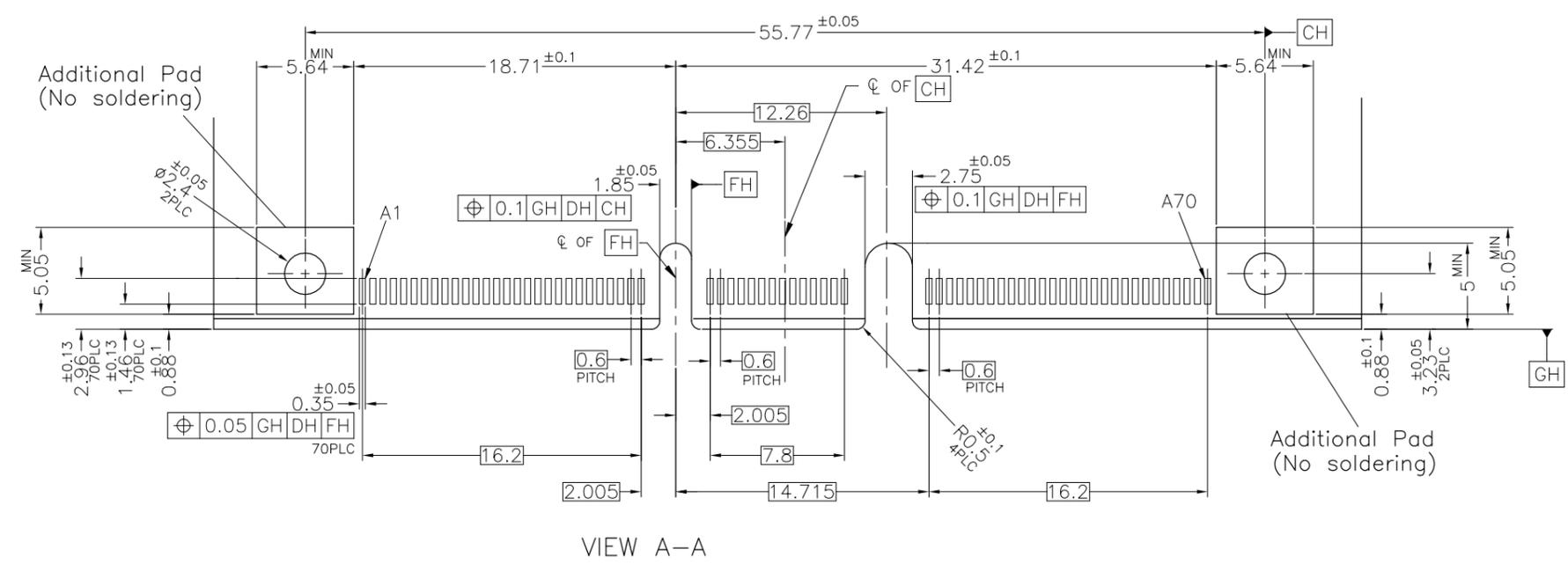
AS SHOWN : -1, -3, 1--2, 2--1, 2--3, 5--1, 5--3, 6--2, 6--4, 7--1, 7--3

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.TANAKA 30JUL2018		
DIMENSIONS: mm		CHK J.TSUJI 30JUL2018		
TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0.3$		APVD K.KOBAYASHI 30JUL2018	NAME	
0-PLC $\pm$ 1-PLC $\pm$ 2-PLC $\pm$ 3-PLC $\pm$ 4-PLC $\pm$ ANGLES $\pm$		PRODUCT SPEC	140 POSITION SLIVER 2.0 STRADDLE MOUNT	
MATERIAL		APPLICATION SPEC	SIZE A2	CAGE CODE 00779
FINISH		WEIGHT 0	DRAWING NO C-2340324	RESTRICTED TO
		CUSTOMER DRAWING	SCALE 4:1	SHEET 1 of 5
			REV 9	

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



APPLICABLE THICKNESS



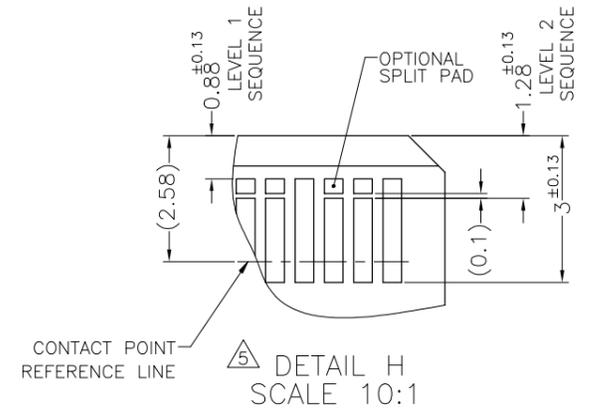
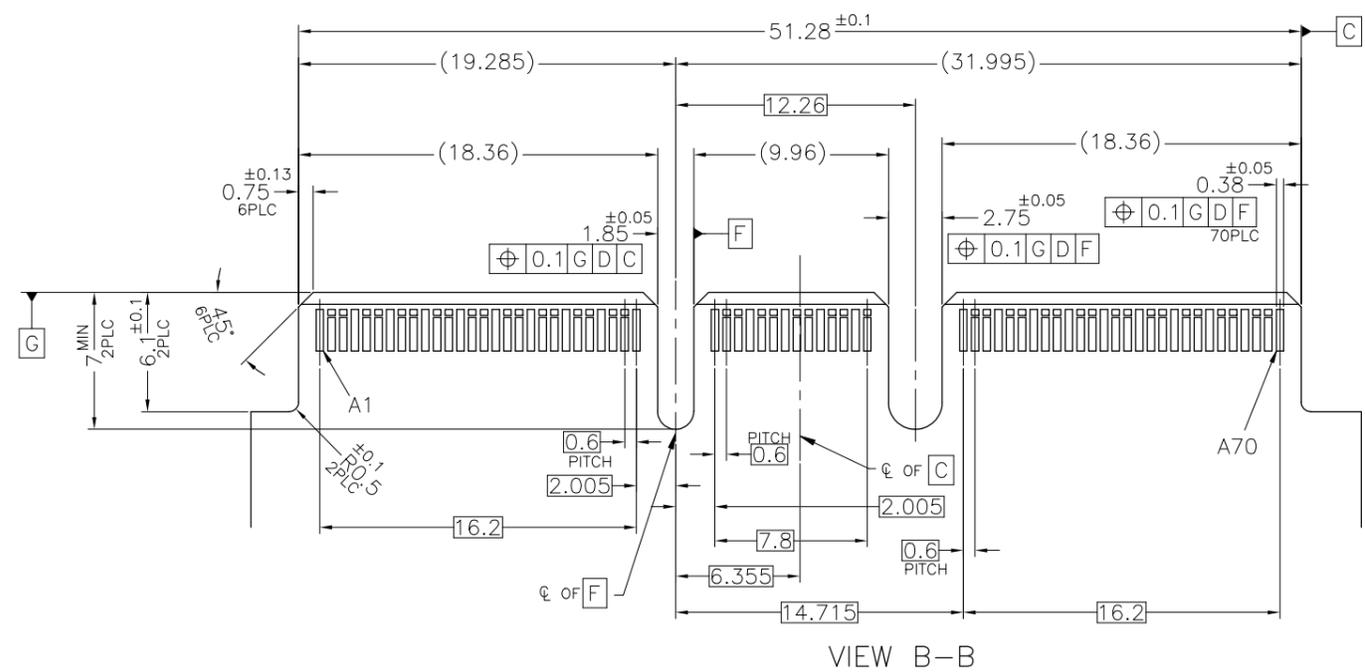
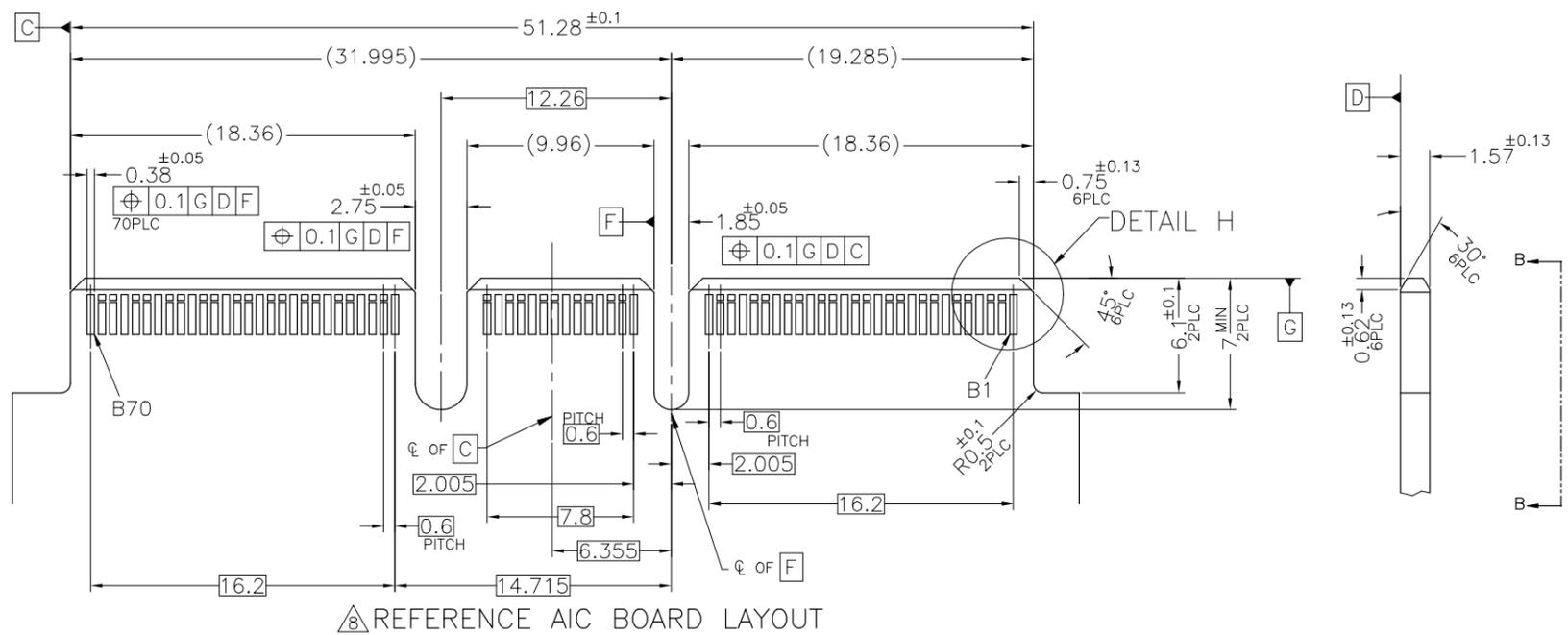
HOST BOARD LAYOUT FOR HVM

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: mm		CHK	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.3		APVD	140 POSITION SLIVER 2.0 STRADDLE MOUNT	
0-PLC ±		PRODUCT SPEC	SIZE	CAGE CODE
1-PLC ±		APPLICATION SPEC	DRAWING NO	RESTRICTED TO
2-PLC ±		WEIGHT	A2	00779
3-PLC ±		CUSTOMER DRAWING	C-2340324	
4-PLC ±		SCALE	4:1	SHEET 2 of 5
ANGLES		REV	9	
FINISH				

2340324

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



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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity		
DIMENSIONS: mm		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.3		APVD	NAME		
0-PLC ± 1-PLC ± 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±		PRODUCT SPEC	140 POSITION SLIVER 2.0 STRADDLE MOUNT		
MATERIAL		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
FINISH		WEIGHT	A2	00779	C-2340324
CUSTOMER DRAWING			SCALE	SHEET	REV
			4:1	3 of 5	9

2340324

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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 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

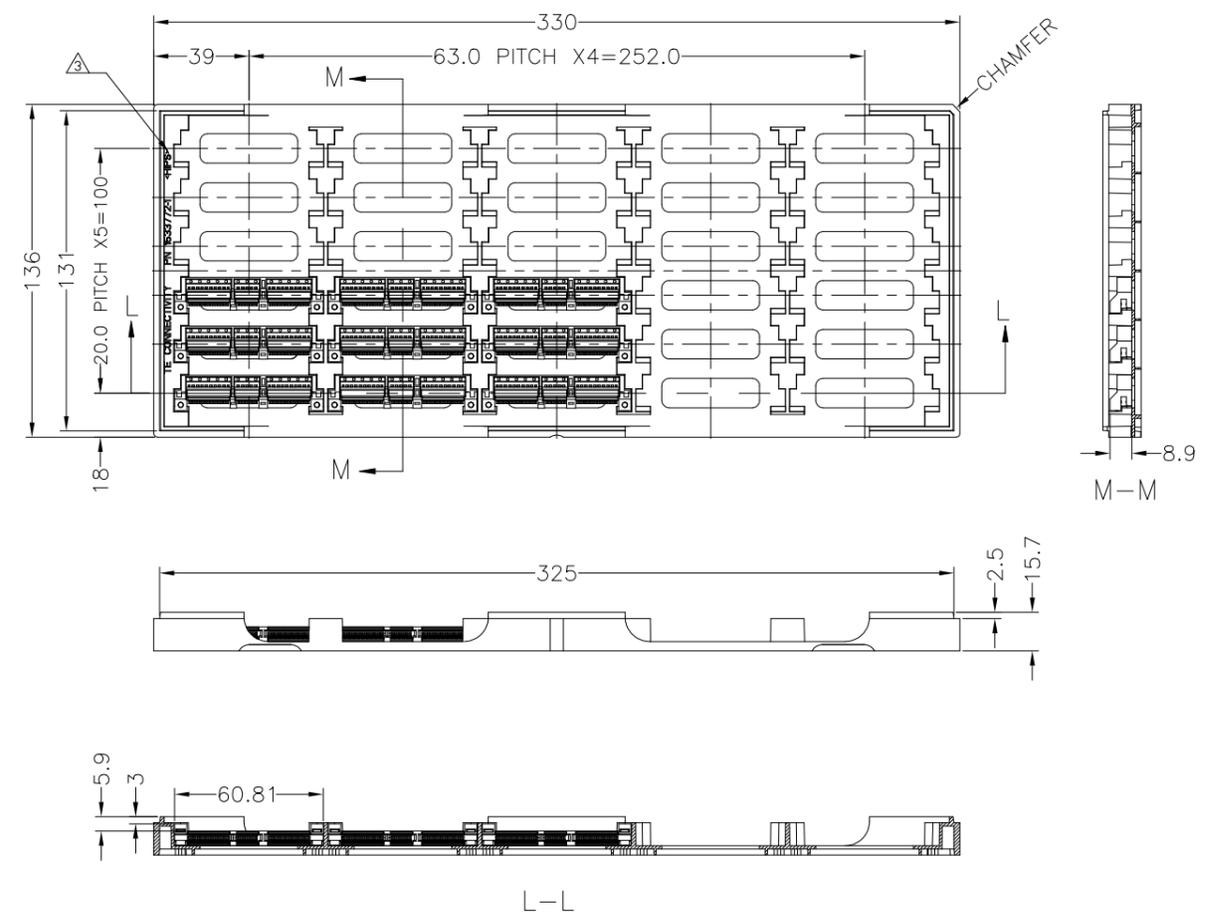
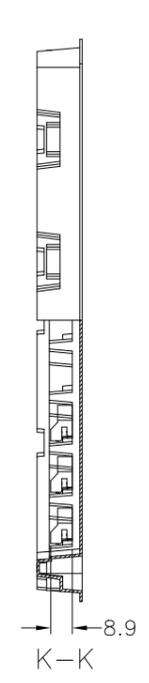
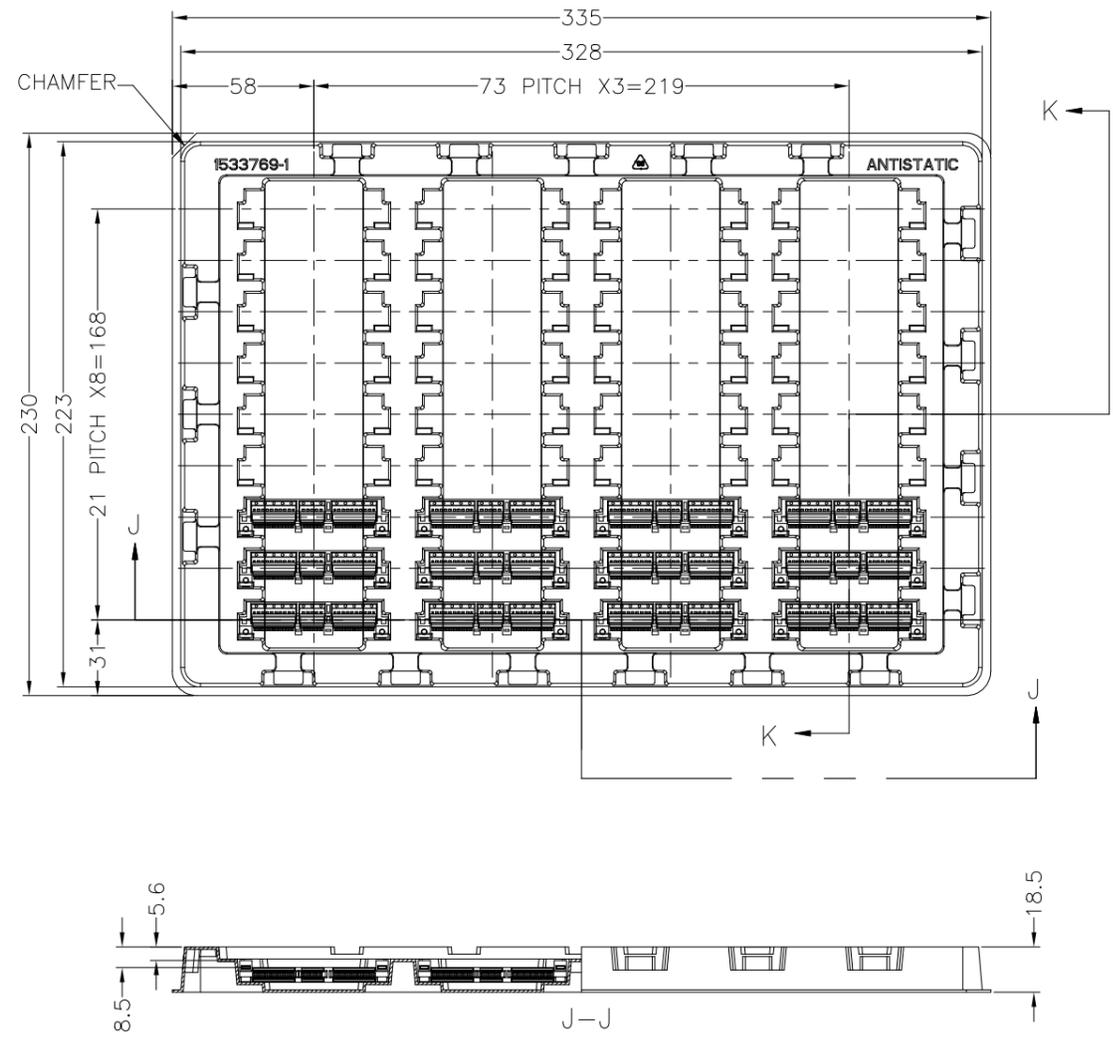
CONTACT NUMBER	SIDE A	SIDE B
36	SIGNAL	SIGNAL
37	SIGNAL	SIGNAL
38	GROUND	GROUND
39	SIGNAL	SIGNAL
40	SIGNAL	SIGNAL
41	GROUND	GROUND
42	GROUND	GROUND
43	GROUND	GROUND
44	SIGNAL	SIGNAL
45	SIGNAL	SIGNAL
46	GROUND	GROUND
47	SIGNAL	SIGNAL
48	SIGNAL	SIGNAL
49	GROUND	GROUND
50	SIGNAL	SIGNAL
51	SIGNAL	SIGNAL
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

### PROPOSAL DRAWING

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	 TE Connectivity	
DIMENSIONS: mm		CHK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME	
0 PLC ± -		PRODUCT SPEC		
1 PLC ± -		APPLICATION SPEC		
2 PLC ± -		SIZE	CAGE CODE	DRAWING NO
3 PLC ± -		A2	00779	C-2340324
4 PLC ± -		RESTRICTED TO		
ANGLES ± -		CUSTOMER DRAWING		
FINISH		WEIGHT	SCALE	SHEET
		0	1:1	4 of 5
		REV 9		

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



SOFT TRAY PACKAGING: 2340324-1, 2340324-3, 1-2340324-2  
 2-2340324-1, 2-2340324-3

1. MATERIAL: HIPS, COLOR: NATURAL
2. QTY. : 9 X 4 = 36 POCKETS PER TRAY
3. TOLERANCES ON TRAY DIMENSIONS ARE REFERENCE

HARD TRAY PACKAGING: 5-2340324-1, 6-2340324-2, 7-2340324-1  
 5-2340324-3, 6-2340324-4, 7-2340324-3

1. MATERIAL: HIPS, COLOR: NATURAL
2. QTY. : 6 X 5 = 30 POCKETS PER TRAY
3. MARKING
4. TOLERANCES ON TRAY DIMENSIONS ARE REFERENCE

**PROPOSAL DRAWING**

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: mm		CHK		
TOLERANCES UNLESS OTHERWISE SPECIFIED: REF		APVD	NAME	
0-PLC ±		PRODUCT SPEC		
1-PLC ±		APPLICATION SPEC		
2-PLC ±		SIZE	CAGE CODE	DRAWING NO
3-PLC ±		A2	00779	C-2340324
4-PLC ±		RESTRICTED TO		
ANGLES ±		CUSTOMER DRAWING		
FINISH		SCALE	SHEET	REV
		1:2	5 of 5	9