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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		A REVISION RELEASE	7JUNE2022	SY	HL
B		UPDATE HARD TRAY IN SHEET 5	24NOV2022	MC	HL

Top view of the PCI Express card edge connector. Dimensions include:  $B \pm 0.23$ ,  $A \text{ REF}$ ,  $11.65 \text{ REF}$ , and  $14.50 \text{ REF}$ . Pin locations are labeled: PIN B "N+12", PIN B1, PIN A1, and PIN A "N+12". A KEY  $\phi$  is also indicated.

NOTES:

1 MATERIAL:  
 HOUSING: HIGH-TEMP PLASTIC; BLACK, UL 94V-0  
 CONTACT: COPPER ALLOY  
 SOLDER TAB: STAINLESS STEEL

2 FINISH:  
 (SEE TABLE) 0.1 INCH GOLD PLATING OR GOLD FLASH OVER PdNi ON CONTACT AREA.  
 2.54  $\mu\text{m}$  MATTE-TIN PLATING ON SOLDER TAIL AREA.  
 1.27  $\mu\text{m}$  NICKEL UNDERPLATING OVERALL.

3 PCIE5, PART NUMBER AND DC PRINTED IN APPROPRIATE AREA OR OPPOSITE.

4 SUCH CORE AVOIDS PER MANUFACTURER'S CONVENIENCE

Bottom view of the PCI Express card edge connector. Dimensions include:  $0.15$ ,  $0.40 \text{ REF}$ ,  $1.50$ ,  $1.35 \text{ REF}$ ,  $1.00$ ,  $1.65 \text{ REF}$ ,  $10.00$ , and  $12.75$ . A KEY  $\phi$  is shown. The STE logo is present. Dimensions for the center tab include  $\phi 1.00 \text{ REF}$  and  $1.00$ . A dimension  $N$  is also indicated.

Side view of the PCI Express card edge connector. Dimensions include:  $7.5 \text{ MAX}$ ,  $11.25 \text{ MAX}$ , and  $1.80 \text{ REF}$ . A note indicates "ALL SOLDER TAILS" with a  $0.10$  dimension.

Section X-X of the PCI Express card edge connector. Dimensions include:  $5.10 \pm 0.15$ ,  $3.75 \text{ MAX}$ ,  $\phi \text{ OF } 7.5$ ,  $0.80 \pm 0.15$ ,  $4.40 \pm 0.20$ ,  $3.40 \pm 0.15$ ,  $4.05 \pm 0.15$ , and  $8.20 \pm 0.20$ . A note indicates "ACCEPTED 1.57 PCB".

SECTION X-X

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SANDERS_YAN 14DEC2020	TE Connectivity	
		CHK MIKE_CHEN 14DEC2020		
DIMENSIONS: mm		APVD HOPE_LU 14DEC2020	NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 1.5 SOLDER TAB AND CENTER POST	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-160247	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
0 PLC $\pm$		APPLICATION SPEC -	A200779 C-2384214	
1 PLC $\pm 0.3$		WEIGHT -	SCALE 6:1 SHEET 1 OF 6 REV B	
2 PLC $\pm 0.20$		CUSTOMER DRAWING		
3 PLC $\pm 0.050$				
4 PLC $\pm$				
ANGLES $\pm$				
FINISH				

1471-9 (3/13)

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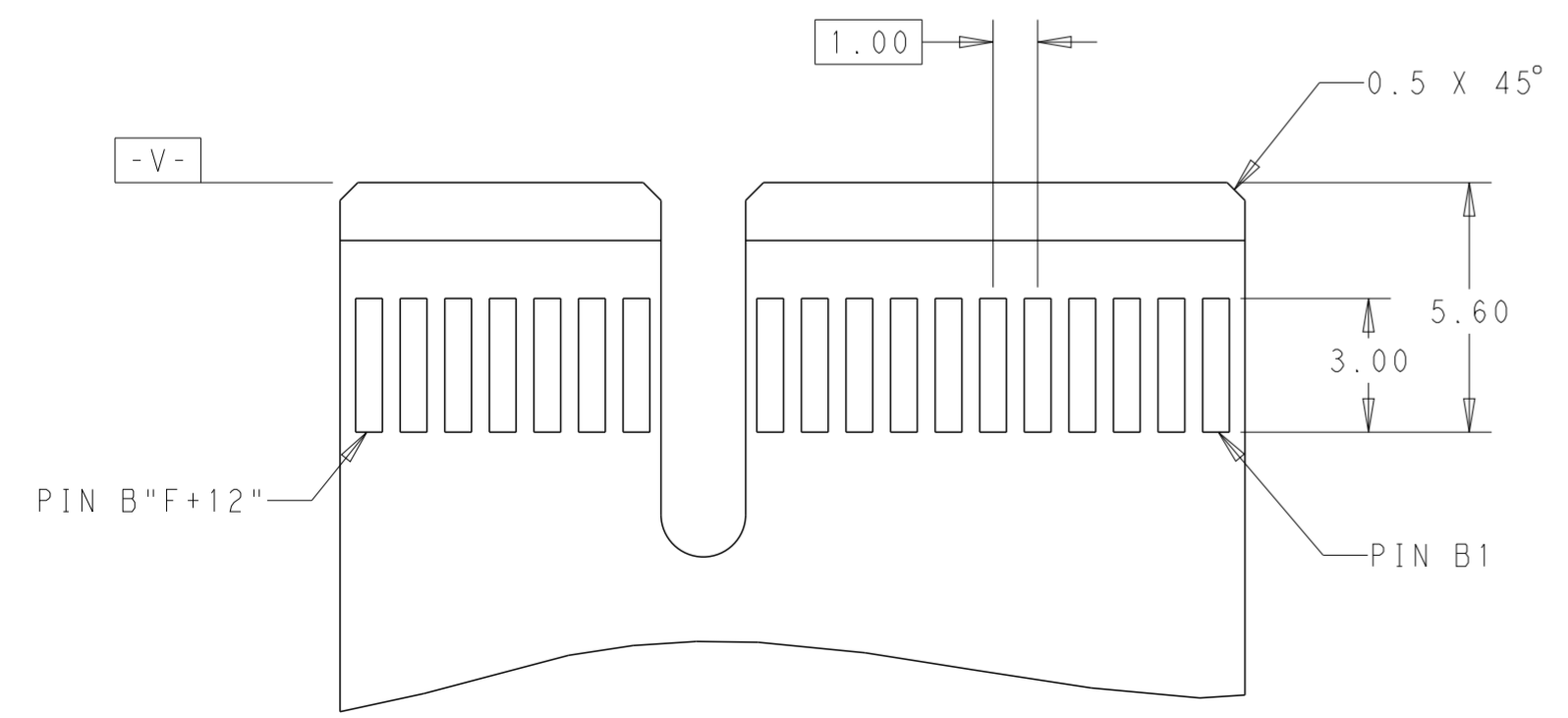
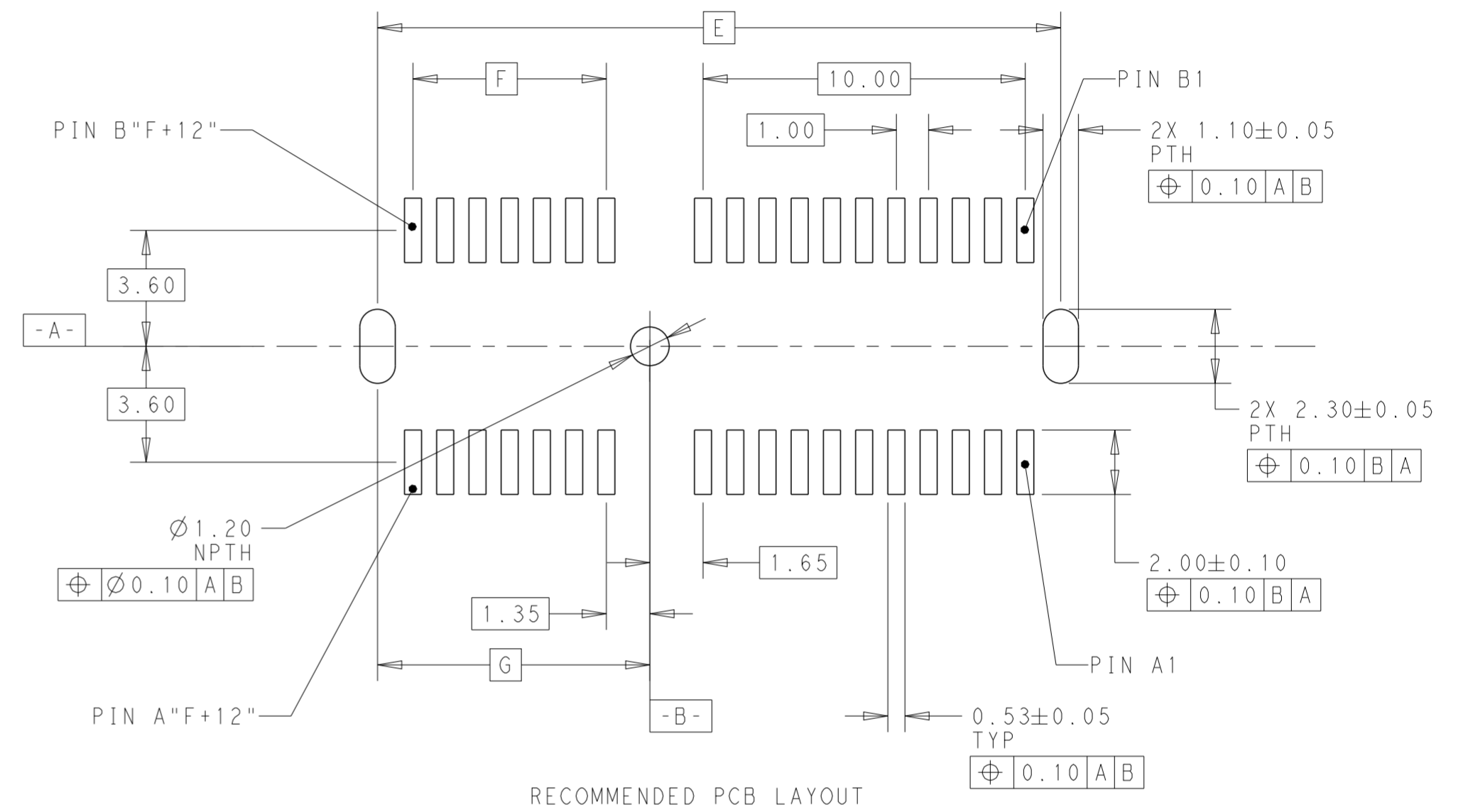
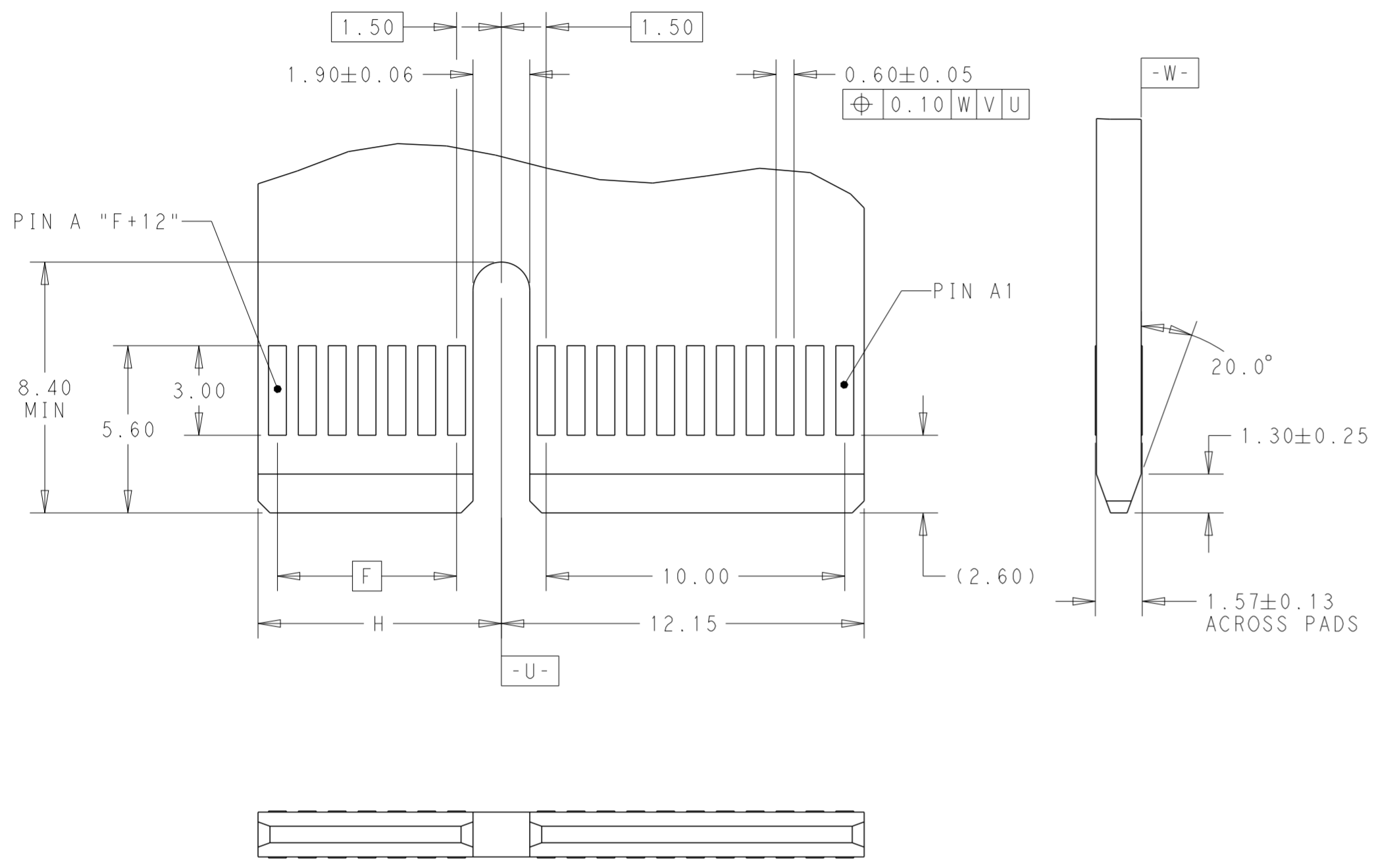
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

30u"	45.0	8	44.5	70	72.45	89	71.65	164	7-2384214-4
30u"	86.5	8	44.5	70	72.45	89	71.65	164	5-2384214-8
30u"	53.5	8	28	37	39.45	56	38.65	98	5-2384214-7
30u"	36.5	8	19.5	20	22.45	39	21.65	64	5-2384214-6
30u"	22.5	8	12.5	6	8.45	25	7.65	36	5-2384214-5
30u"	10.0	8	44.5	70	72.45	89	71.65	164	5-2384214-4
30u"	10.0	8	28	37	39.45	56	38.65	98	5-2384214-3
30u"	10.0	8	19.5	20	22.45	39	21.65	64	5-2384214-2
30u"	10.0	8	12.5	6	8.45	25	7.65	36	5-2384214-1
15u"	86.5	8	44.5	70	72.45	89	71.65	164	4-2384214-8
15u"	53.5	8	28	37	39.45	56	38.65	98	4-2384214-7
15u"	36.5	8	19.5	20	22.45	39	21.65	64	4-2384214-6
15u"	22.5	8	12.5	6	8.45	25	7.65	36	4-2384214-5
15u"	10.0	8	44.5	70	72.45	89	71.65	164	4-2384214-4
15u"	10.0	8	28	37	39.45	56	38.65	98	4-2384214-3
15u"	10.0	8	19.5	20	22.45	39	21.65	64	4-2384214-2
15u"	10.0	8	12.5	6	8.45	25	7.65	36	4-2384214-1
G/F	86.5	8	44.5	70	72.45	89	71.65	164	3-2384214-8
G/F	53.5	8	28	37	39.45	56	38.65	98	3-2384214-7
G/F	36.5	8	19.5	20	22.45	39	21.65	64	3-2384214-6
G/F	22.5	8	12.5	6	8.45	25	7.65	36	3-2384214-5
G/F	10.0	8	44.5	70	72.45	89	71.65	164	3-2384214-4
G/F	10.0	8	28	37	39.45	56	38.65	98	3-2384214-3
G/F	10.0	8	19.5	20	22.45	39	21.65	64	3-2384214-2
G/F	10.0	8	12.5	6	8.45	25	7.65	36	3-2384214-1
30u"	NA		44.5	70	72.45	89	71.65	164	2-2384214-4
30u"	NA		28	37	39.45	56	38.65	98	2-2384214-3
30u"	NA		19.5	20	22.45	39	21.65	64	2-2384214-2
30u"	NA		12.5	6	8.45	25	7.65	36	2-2384214-1
15u"	NA		44.5	70	72.45	89	71.65	164	1-2384214-4
15u"	NA		28	37	39.45	56	38.65	98	1-2384214-3
15u"	NA		19.5	20	22.45	39	21.65	64	1-2384214-2
15u"	NA		12.5	6	8.45	25	7.65	36	1-2384214-1
G/F	NA		44.5	70	72.45	89	71.65	164	2384214-4
G/F	NA		28	37	39.45	56	38.65	98	2384214-3
G/F	NA		19.5	20	22.45	39	21.65	64	2384214-2
G/F	NA		12.5	6	8.45	25	7.65	36	2384214-1
PRECIOUS PLATING THICKNESS (TOTAL)	W	V	J	N	C	B	A	POS.	PART NUMBER
	MYLAR SIZE (PAGE 4)								

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SANDERS YAN 14DEC2020	<b>STE</b> TE Connectivity	
DIMENSIONS: mm		CHK MIKE CHEN 14DEC2020		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD HOPE LU 14DEC2020	NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 1.5 SOLDER TAB AND CENTER POST	
0 PLC ±-		PRODUCT SPEC 108-160247	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ±0.3		APPLICATION SPEC -	A200779 C-2384214	
2 PLC ±0.20		WEIGHT -	SCALE 6:1 SHEET 2 OF 6 REV B	
3 PLC ±0.050		CUSTOMER DRAWING		
4 PLC ±-				
ANGLES ±-				
FINISH -				

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-	-	SEE SHEET 1	-	-



ADD-IN CARD EDGE-FINGER DIMENSION  
 DEFAULT TOLERANCE ±0.13

164	85.20	70	72.45	72.15
98	52.20	37	39.45	39.15
64	35.20	20	22.45	22.15
36	21.20	6	8.45	8.15
POS.	DIM. E	DIM. F	DIM. G	DIM. H

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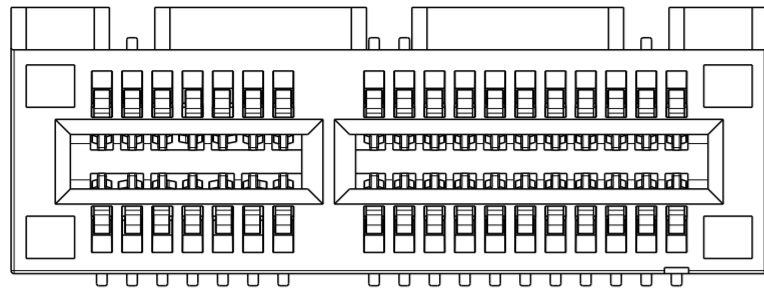
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.3 2 PLC ±0.20 3 PLC ±0.050 4 PLC ± ANGLES ± FINISH ±	DWN SANDERS YAN 14DEC2020 CHK MIKE CHEN 14DEC2020 APVD HOPE LU 14DEC2020 PRODUCT SPEC 108-160247 APPLICATION SPEC - WEIGHT -	NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 1.5 SOLDER TAB AND CENTER POST SIZE A2 CAGE CODE 00779 DRAWING NO. C-2384214 RESTRICTED TO -
MATERIAL -	FINISH -	CUSTOMER DRAWING	SCALE 6:1 SHEET 3 OF 6 REV B

STE TE Connectivity

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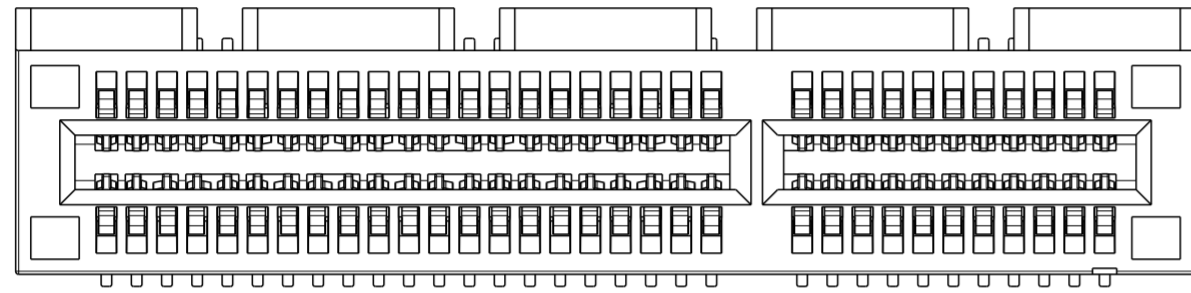
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

FRONT VIEW



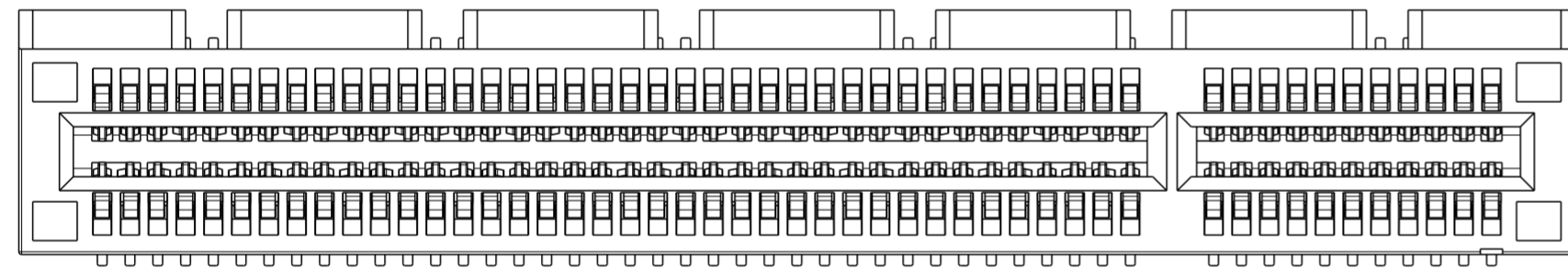
36POS AS SHOWN  
SCALE 4:1

FRONT VIEW



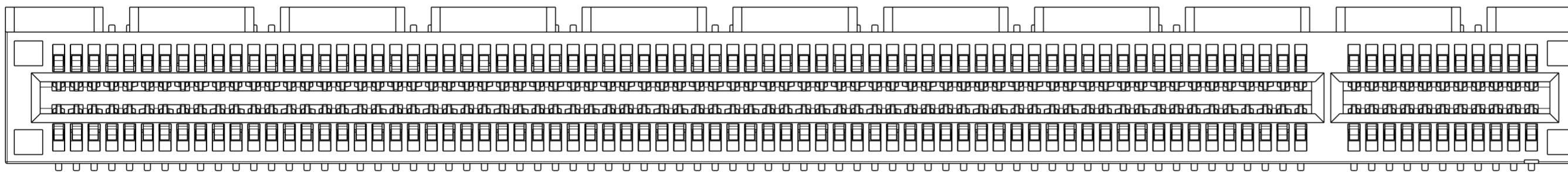
64POS AS SHOWN  
SCALE 4:1

FRONT VIEW

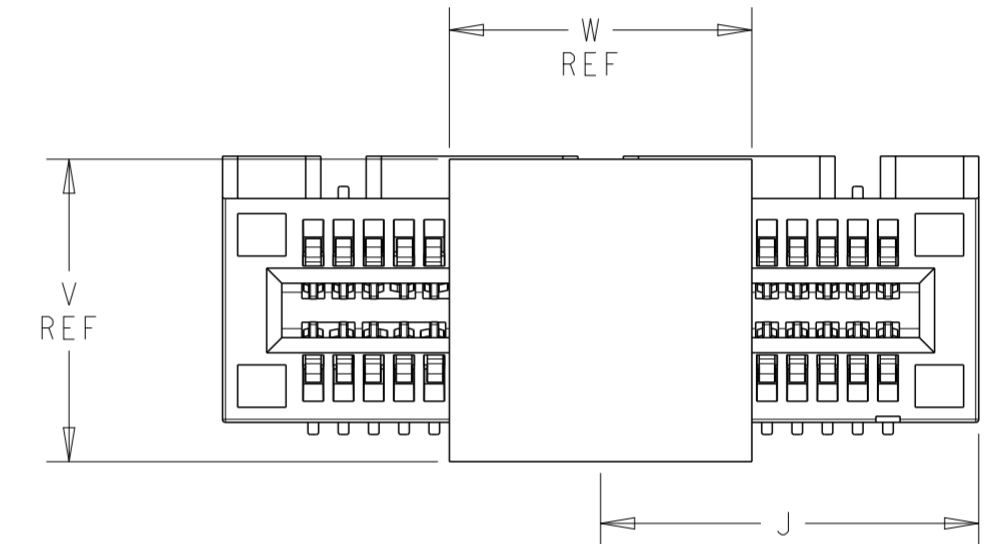


98POS AS SHOWN  
SCALE 4:1

FRONT VIEW



164POS AS SHOWN  
SCALE 4:1

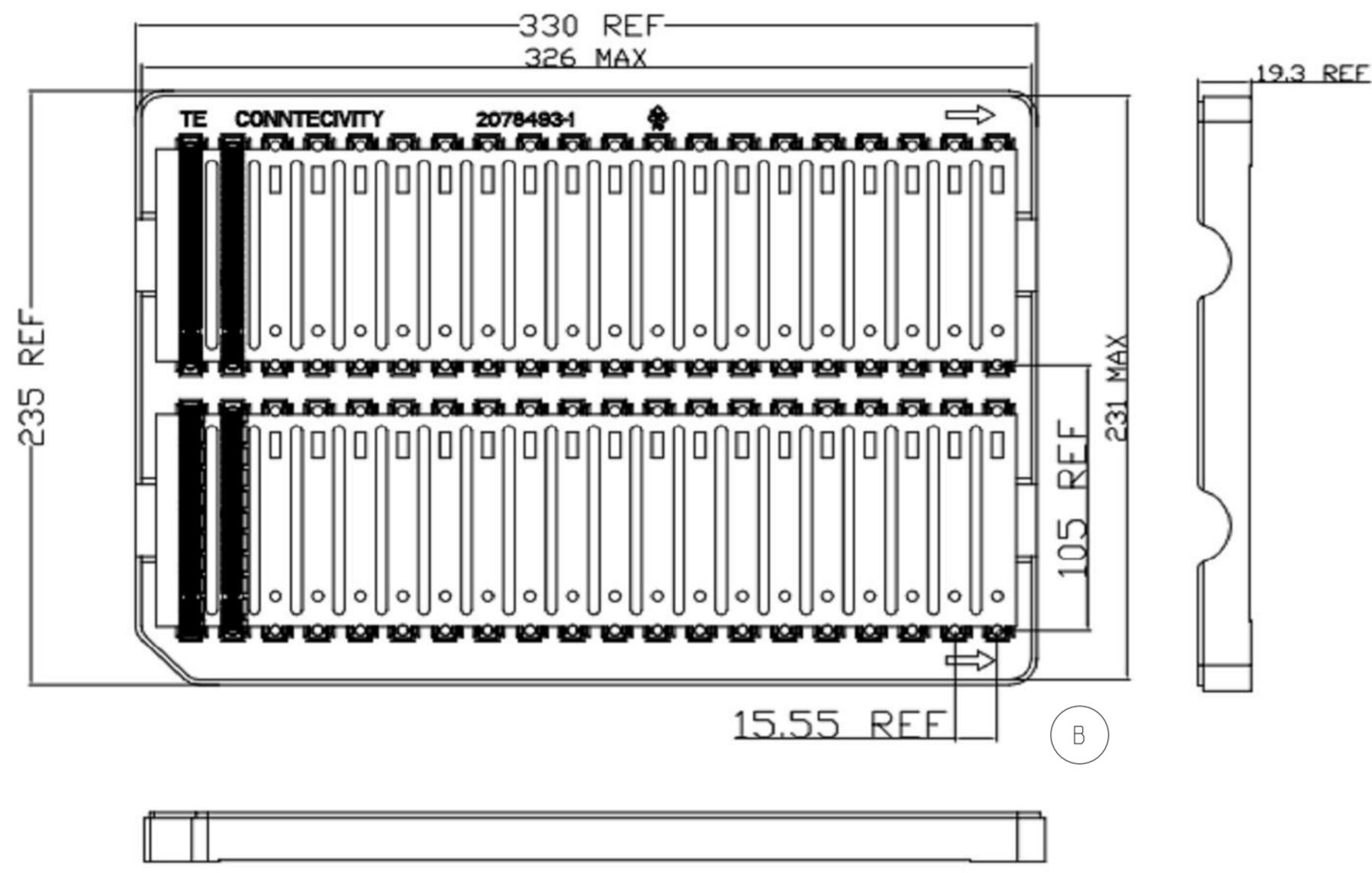


MYLAR SIZE  
SCALE 4:1

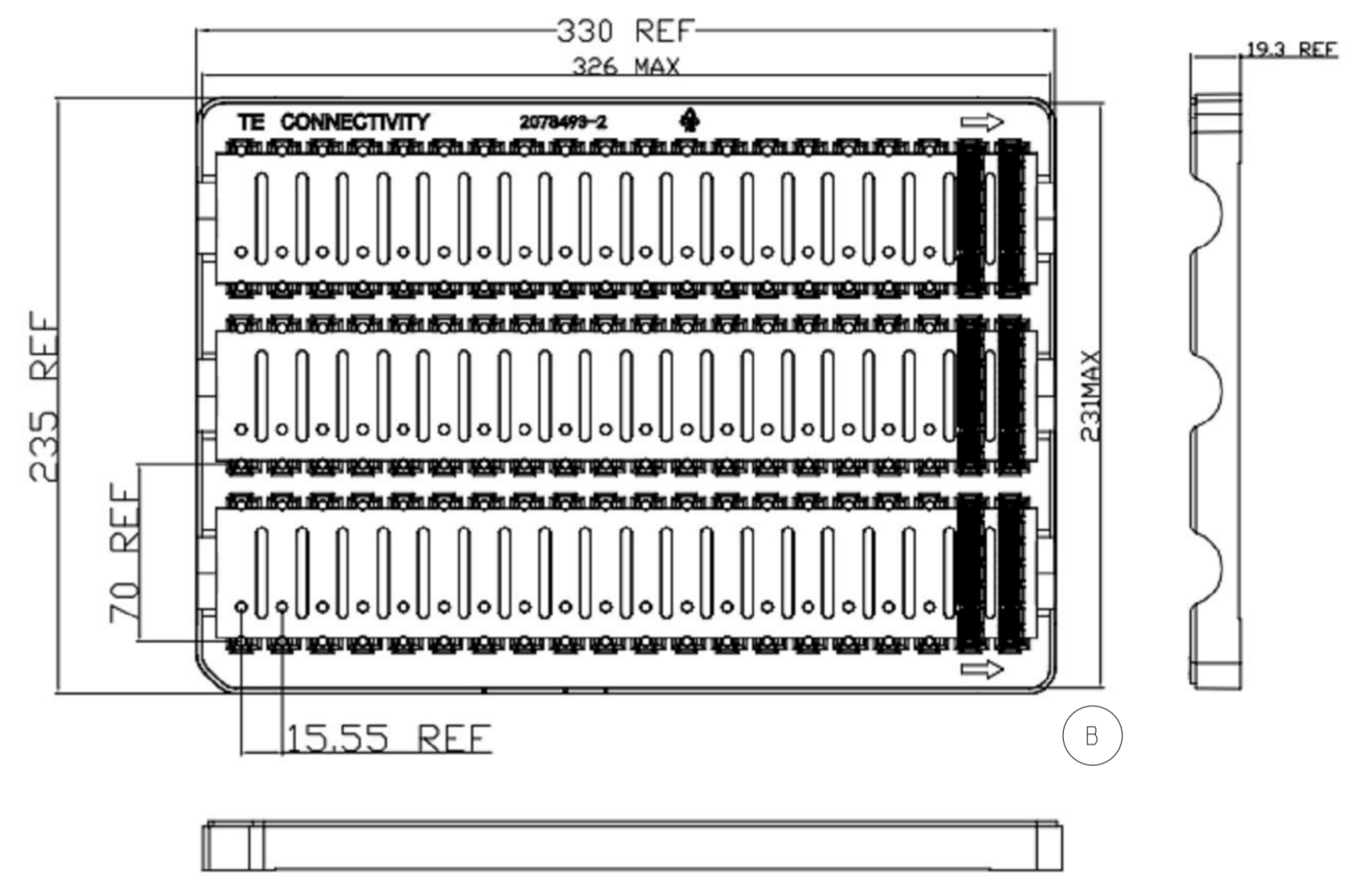
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SANDERS, YAN 14DEC2020	TE Connectivity	
		CHK MIKE, CHEN 14DEC2020		
		APVD HOPE, LU 14DEC2020	NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 1.5 SOLDER TAB AND CENTER POST	
DIMENSIONS: mm		PRODUCT SPEC 108-160247	SIZE A2	CAGE CODE 00779
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC -	DRAWING NO C-2384214	RESTRICTED TO -
0 PLC ± 1 PLC ±0.3 2 PLC ±0.20 3 PLC ±0.050 4 PLC ± ANGLES ± FINISH -		WEIGHT -	SCALE 6:1	SHEET 4 OF 6
MATERIAL -		CUSTOMER DRAWING	REV B	

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HARD TRAY: FOR 164POS  
 SCALE 1:2

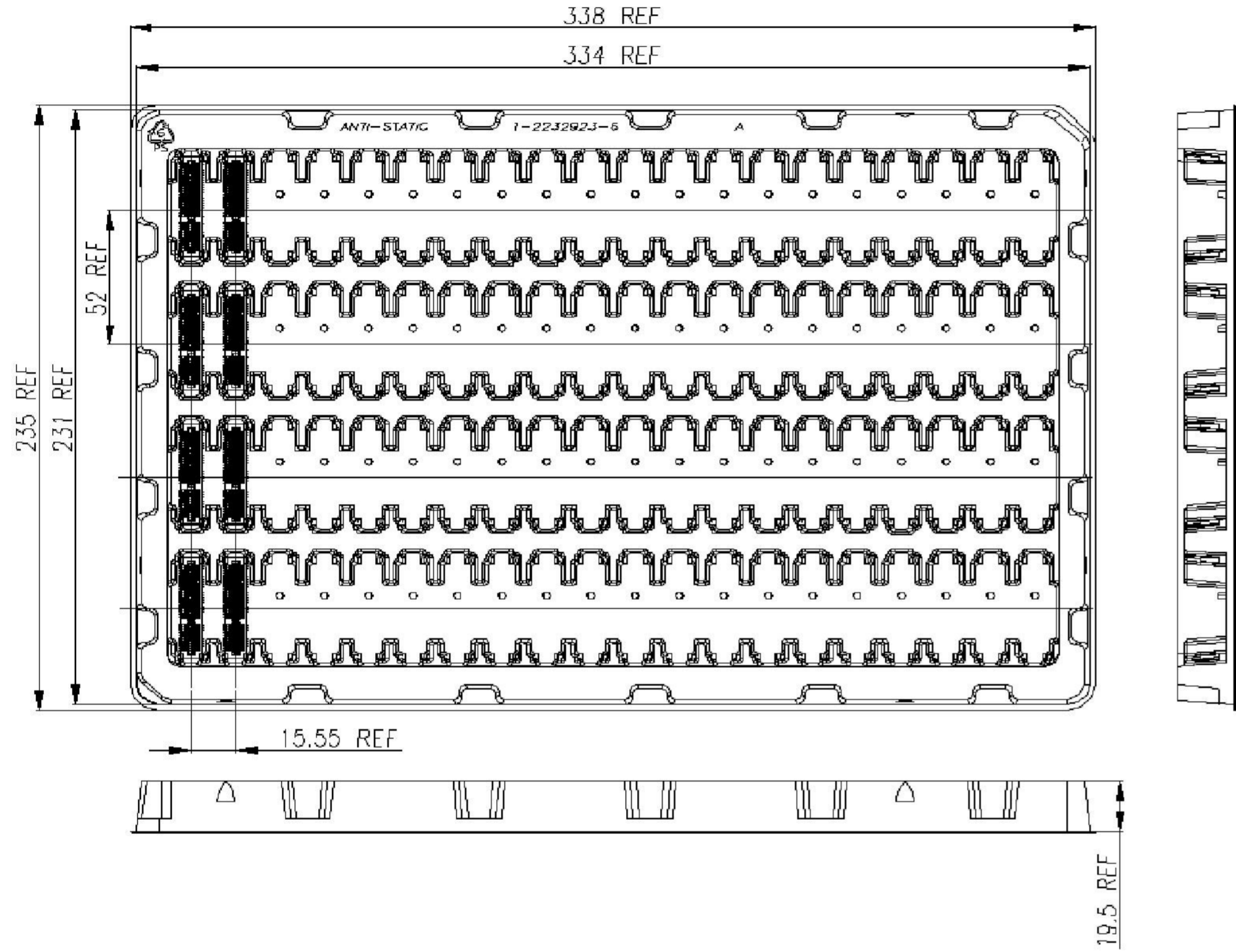


HARD TRAY: FOR 98POS  
 SCALE 1:2


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DIMENSIONS: mm		CHK MIKE, CHEN 14DEC2020		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD HOPE, LU 14DEC2020	NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 1.5 SOLDER TAB AND CENTER POST	
0 PLC ±		PRODUCT SPEC 108-160247	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ±0.3		APPLICATION SPEC -	A200779 C-2384214	
2 PLC ±0.20		WEIGHT -	SCALE 6:1 SHEET 5 OF 6 REV B	
3 PLC ±0.050		CUSTOMER DRAWING		
4 PLC ±				
ANGLES ±				
FINISH -				

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SOFT TRAY: FOR 64POS  
 SCALE 1:2

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 14DEC2020 SANDERS, YAN	 TE Connectivity	
DIMENSIONS: mm		CHK 14DEC2020 MIKE, CHEN		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 14DEC2020 HOPE, LU	NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 1.5 SOLDER TAB AND CENTER POST	
0 PLC ± 1 PLC ±0.3 2 PLC ±0.20 3 PLC ±0.050 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC 108-160247	SIZE A2	CAGE CODE 00779
MATERIAL		APPLICATION SPEC	DRAWING NO C-2384214	RESTRICTED TO
-		WEIGHT	SCALE 6:1 SHEET 6 OF 6 REV B	
-		CUSTOMER DRAWING		