

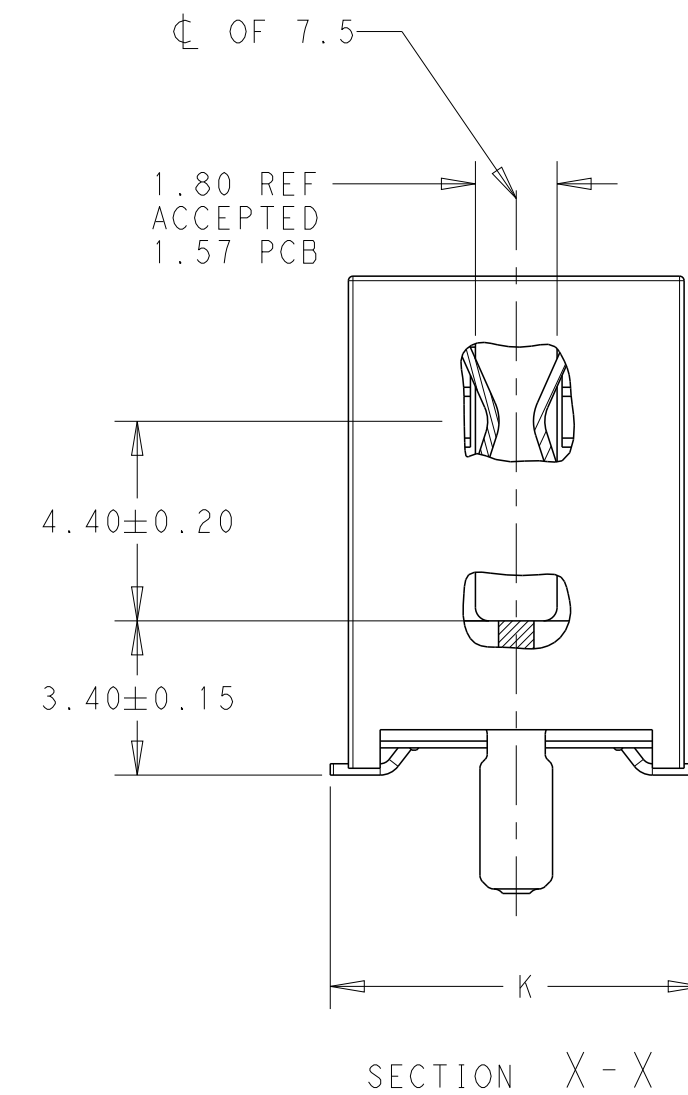
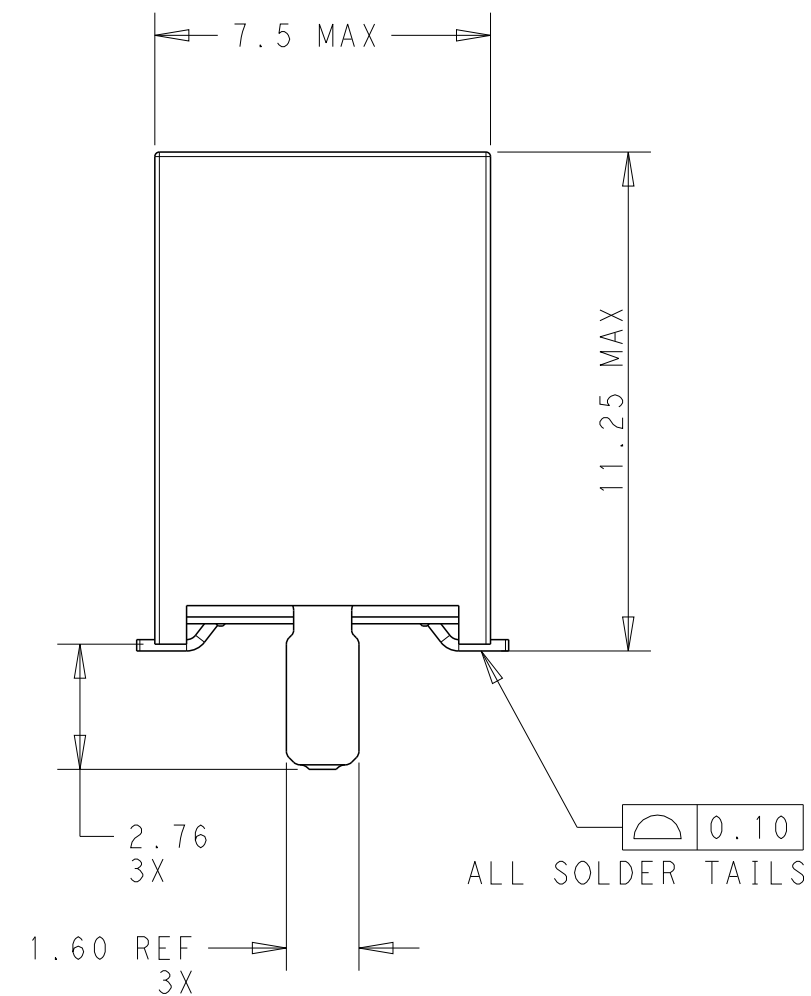
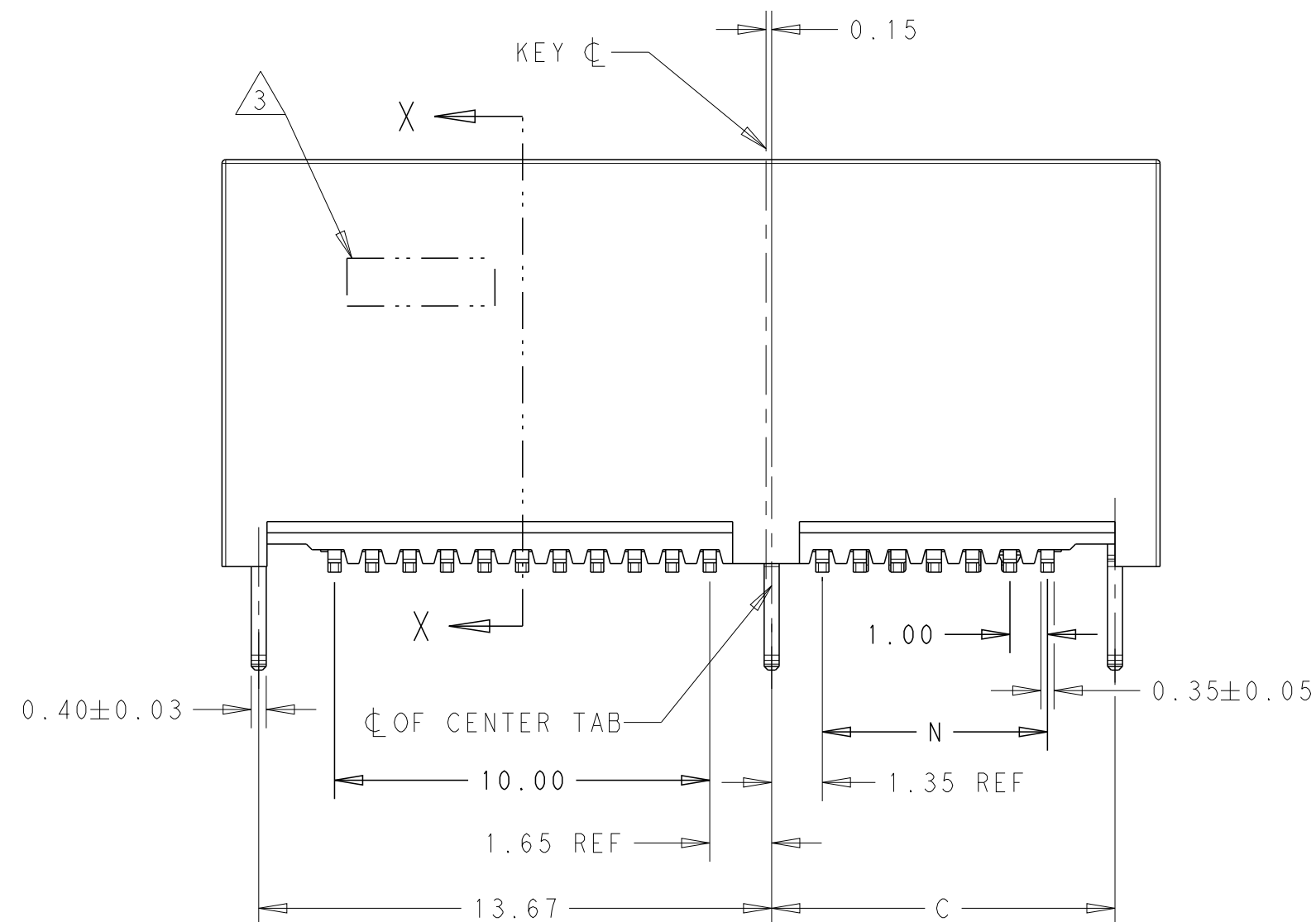
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	A REVISION RELEASE	9JUNE2022	SY	HL
	B	UPDATE HARD TRAY IN SHEET6	24NOV2022	MC	HL
	B1	REVISED PER ECN-25-344960	01SEP2025	AD	JM

1 MATERIAL:
HOUSING: HIGH-TEMP PLASTIC; SEE COLOR IN SHEET 2 , UL 94V-0
CONTACT: COPPER ALLOY
SOLDER TAB: STAINLESS STEEL

2 FINISH:
(SEE TABLE)u INCH GOLD PLATING OR GOLD FLASH OVER PdNi ON CONTACT AREA.
2.54um MATTE-TIN PLATING ON SOLDER TAIL AREA.
1.27um NICKEL UNDERPLATING OVERALL.

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

4 SUCH CORE VOIDS PER MANUFACTURER'S CONVENIENCE.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 13SEP2021 SANDERS YAN		 TE Connectivity	
		CHK 13SEP2021 MIKE.CHEN			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.3 1 PLC ±0.3 2 PLC ±0.20 3 PLC ±0.050 4 PLC ±.3 ANGLES ±.3 FINISH		NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 2.76 SOLDER TAB, WITHOUT RIDGE	
		PRODUCT SPEC 108-160247		APPLICATION SPEC -	
MATERIAL - 		WEIGHT -		SIZE A2	CAGE CODE 00779
- 		CUSTOMER DRAWING		DRAWING NO C-2399941	RESTRICTED TO -
				SCALE 6:1	SHEET 1 of 8
				REV B1	

4

3

2

1

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REVISIONS

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

1.30

3.25

BLACK	HARD TRAY	323X136X19	30u"	86.5	8.0	7.40	44.5	70	73.15	89	71.65	164	9-2399941-8		
2.0	3.60	BLUE	HARD TRAY	323X136X19	30u"	86.5	8.0	8.20	44.5	70	73.15	89	71.65	164	8-2399941-8
		BLACK	HARD TRAY	323X136X19	30u"	86.5	8.0		44.5	70	73.15	89	71.65	164	6-2399941-8
		BLACK	HARD TRAY	330X235X19.3	30u"	86.5	8.0		44.5	70	73.15	89	71.65	164	5-2399941-8
		BLACK	HARD TRAY	330X235X19.3	30u"	53.5	8.0		28	37	40.15	56	38.65	98	5-2399941-7
		BLACK	SOFT TRAY	338X235X20.3	30u"	36.5	8.0		19.5	20	23.15	39	21.65	64	5-2399941-6
		BLACK	SOFT TRAY	TBD	30u"	22.5	8.0		12.5	6	9.15	25	7.65	36	5-2399941-5
		BLACK	HARD TRAY	330X235X19.3	30u"	10.0	8.0		44.5	70	73.15	89	71.65	164	5-2399941-4
		BLACK	HARD TRAY	330X235X19.3	30u"	10.0	8.0		28	37	40.15	56	38.65	98	5-2399941-3
		BLACK	SOFT TRAY	338X235X20.3	30u"	10.0	8.0		19.5	20	23.15	39	21.65	64	5-2399941-2
		BLACK	SOFT TRAY	TBD	30u"	10.0	8.0		12.5	6	9.15	25	7.65	36	5-2399941-1
		BLACK	HARD TRAY	330X235X19.3	15u"	86.5	8.0		44.5	70	73.15	89	71.65	164	4-2399941-8
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		BLACK	SOFT TRAY	TBD	15u"	22.5	8.0		12.5	6	9.15	25	7.65	36	4-2399941-5
		BLACK	HARD TRAY	330X235X19.3	15u"	10.0	8.0		44.5	70	73.15	89	71.65	164	4-2399941-4
		BLACK	HARD TRAY	330X235X19.3	15u"	10.0	8.0		28	37	40.15	56	38.65	98	4-2399941-3
		BLACK	SOFT TRAY	338X235X20.3	15u"	10.0	8.0		19.5	20	23.15	39	21.65	64	4-2399941-2
		BLACK	SOFT TRAY	TBD	15u"	10.0	8.0		12.5	6	9.15	25	7.65	36	4-2399941-1
		BLACK	HARD TRAY	330X235X19.3	G/F	86.5	8.0		44.5	70	73.15	89	71.65	164	3-2399941-8
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		BLACK	SOFT TRAY	338X235X20.3	G/F	36.5	8.0		19.5	20	23.15	39	21.65	64	3-2399941-6
		BLACK	SOFT TRAY	TBD	G/F	22.5	8.0		12.5	6	9.15	25	7.65	36	3-2399941-5
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		BLACK	SOFT TRAY	TBD	G/F	10.0	8.0		12.5	6	9.15	25	7.65	36	3-2399941-1
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		BLACK	HARD TRAY	330X235X19.3	15u"		NA		44.5	70	73.15	89	71.65	164	1-2399941-4
		BLACK	HARD TRAY	330X235X19.3	15u"		NA		28	37	40.15	56	38.65	98	1-2399941-3
		BLACK	SOFT TRAY	338X235X20.3	15u"		NA		19.5	20	23.15	39	21.65	64	1-2399941-2
		BLACK	SOFT TRAY	TBD	15u"		NA		12.5	6	9.15	25	7.65	36	1-2399941-1
		BLACK	HARD TRAY	330X235X19.3	G/F		NA		44.5	70	73.15	89	71.65	164	2399941-4
		BLACK	HARD TRAY	330X235X19.3	G/F		NA		28	37	40.15	56	38.65	98	2399941-3
		BLACK	SOFT TRAY	338X235X20.3	G/F		NA		19.5	20	23.15	39	21.65	64	2399941-2
		BLACK	SOFT TRAY	TBD	G/F		NA		12.5	6	9.15	25	7.65	36	2399941-1

Q

P

PCB LAYOUT

COLOR

TYPE

L * W * H (TRAY)

PRECIOUS PLATING THICKNESS (TOTAL)

W

V

K

J

N

C

B

A

POS.

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-

1 PLC ±0.3

2 PLC ±0.20

3 PLC ±0.050

4 PLC ±-

ANGLES ±-

FINISH

-

-

MATERIAL

-

-

DWN SANDERS.YAN 13SEP2021

CHK MIKE.CHEN 13SEP2021

APVD HOPE.LU 13SEP2021

PRODUCT SPEC 108-160247

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

PCI EXPRESS CARD EDGE CONNECTOR GEN5, 2.76 SOLDER TAB, WITHOUT RIDGE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A200779

©-2399941

-

SCALE 6:1

SHEET 2 OF 8

REV B1

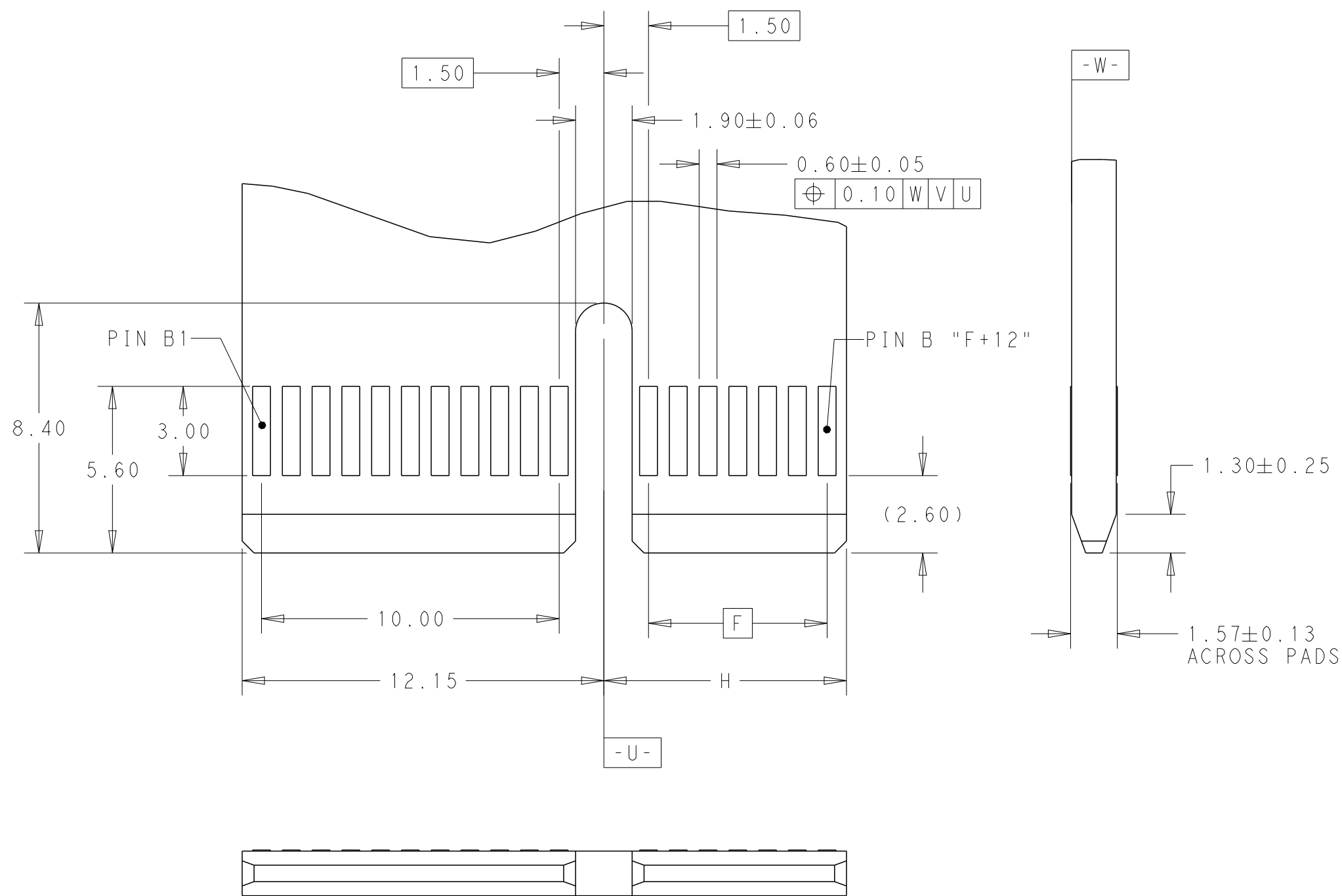
1471-9 (3/13)

D

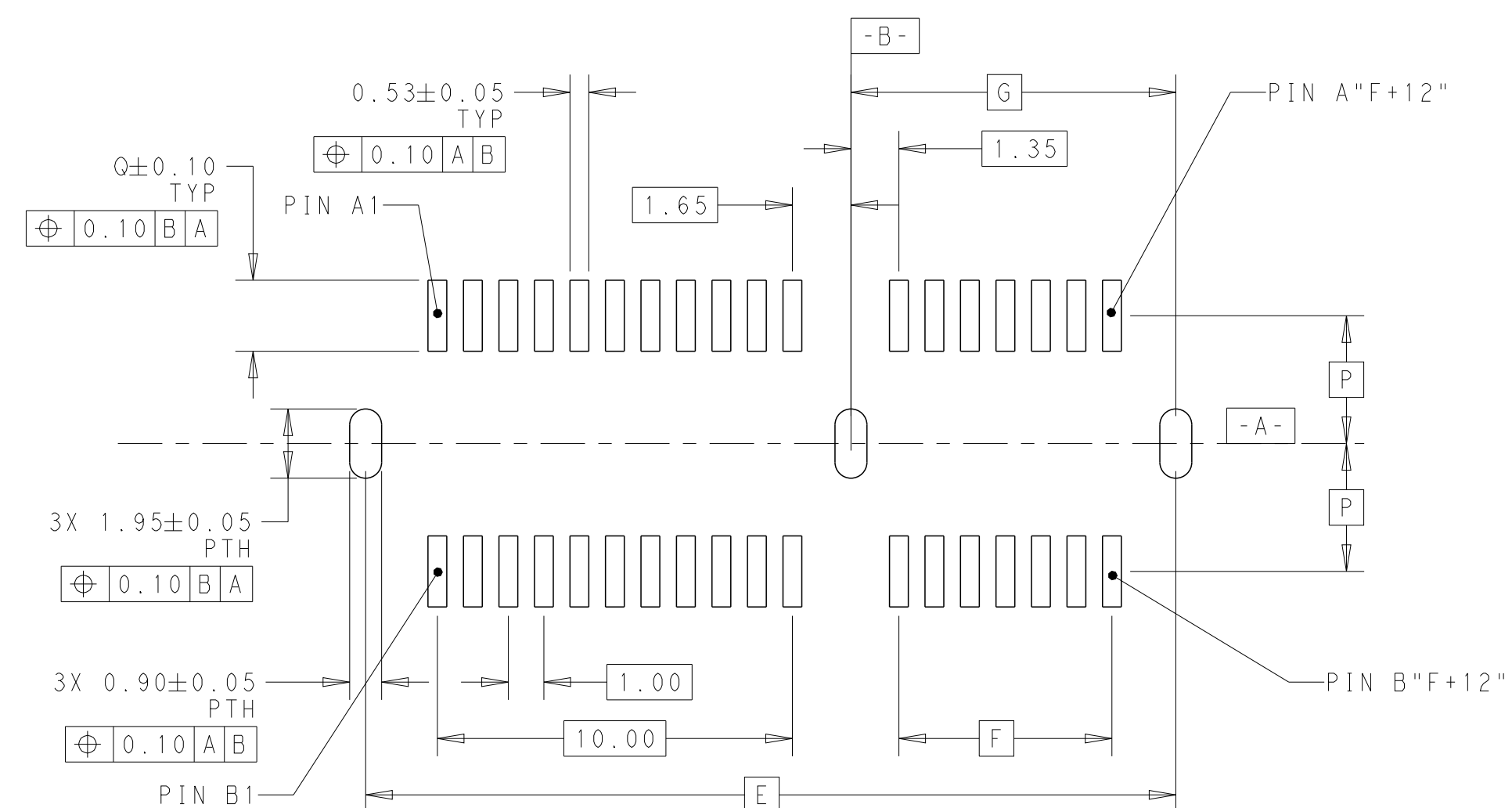
C

B

A



ADD-IN CARD EDGE-FINGER DIMENSION
(36POS AS SHOWN)
DEFAULT TOLERANCE ±0.13



RECOMMENDED PCB LAYOUT (36POS AS SHOWN)

D

C

B

A

164	86.82	70	73.15	72.15
98	53.82	37	40.15	39.15
64	36.82	20	23.15	22.15
36	22.82	6	9.15	8.15
POS.	DIM. E	DIM. F	DIM. G	DIM. H

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DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.3
2 PLC ±0.20
3 PLC ±0.050
4 PLC ±
ANGLES ±
FINISH -

-

DWN 13SEP2021 SANDERS, YAN
CHK 13SEP2021 MIKE, CHEN
APVD 13SEP2021 HOPE, LU
PRODUCT SPEC 108-160247
APPLICATION SPEC -
WEIGHT -

CUSTOMER DRAWING

SCALE 6:1

SHEET 3 OF 8

REV B1

TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR GEN5, 2.76 SOLDER TAB, WITHOUT RIDGE

SIZE

CAGE CODE

DRAWING NO

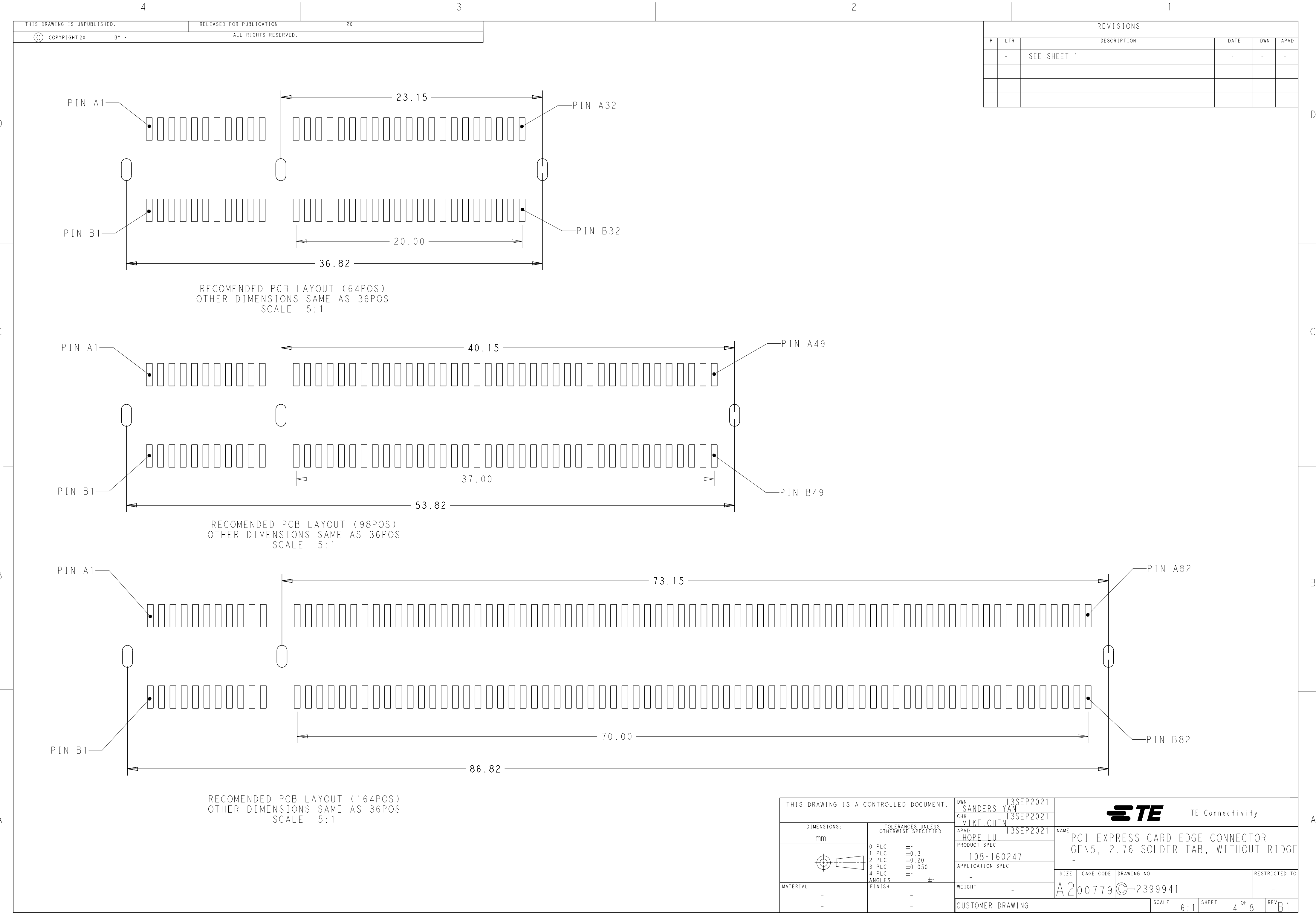
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A200779

C-2399941

-

1471-9 (3/13)



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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

MATERIAL

-

-

DWN SANDERS YAN 13SEP2021

CHK MIKE.CHEN 13SEP2021

APVD HOPE LU 13SEP2021

PRODUCT SPEC 108-160247

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME PCI EXPRESS CARD EDGE CONNECTOR GEN5, 2.76 SOLDER TAB, WITHOUT RIDGE

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A200779C-2399941 -

SCALE 6:1 SHEET 4 OF 8 REV B1

1471-9 (3/13)

4

3

2

1

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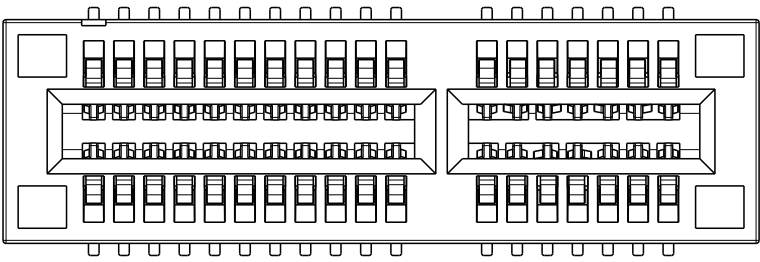
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REVISIONS

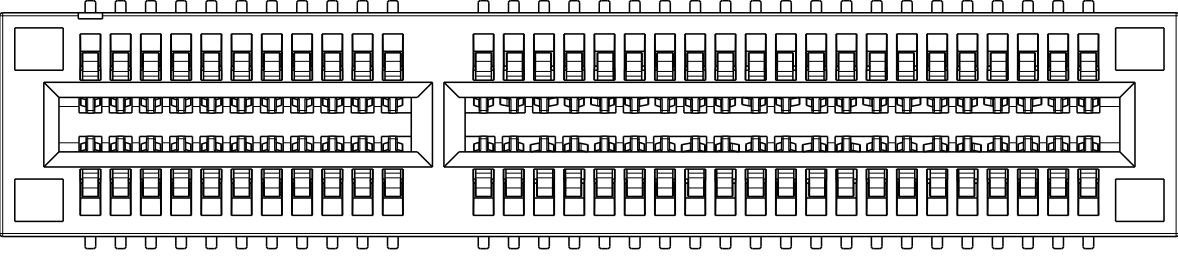
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	-	SEE SHEET 1	-	-	-

FRONT VIEW



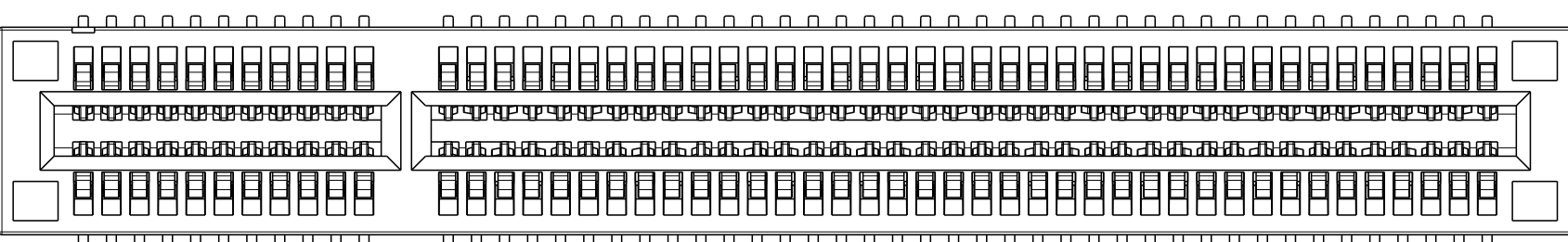
36POS AS SHOWN
SCALE 4:1

FRONT VIEW



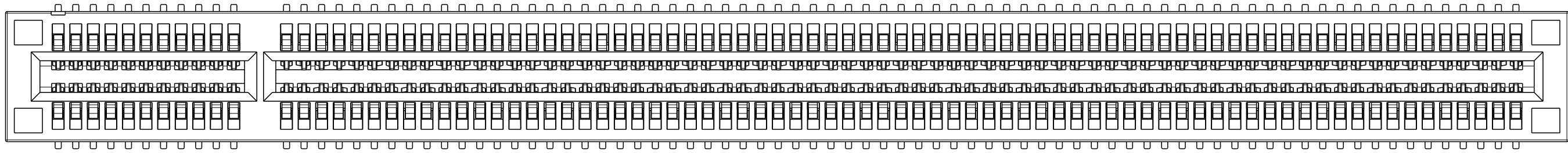
64POS AS SHOWN
SCALE 4:1

FRONT VIEW



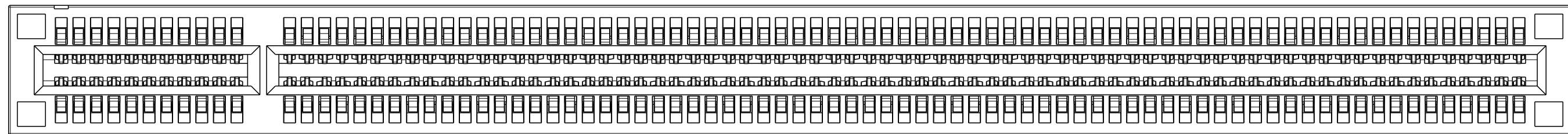
98POS AS SHOWN
SCALE 4:1

FRONT VIEW



164POS AS SHOWN
SCALE 4:1

FRONT VIEW

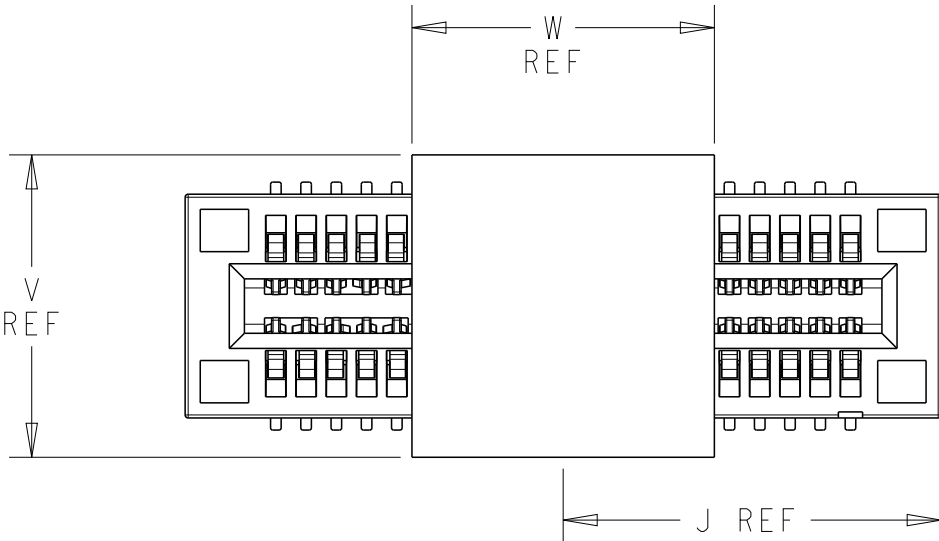


9-2399941-8 AS SHOWN
SCALE 4:1

W REF

V REF

J REF



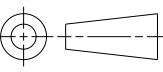
MYLAR SIZE
SCALE 4:1

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DWN SANDERS, YAN 13SEP2021
CHK MIKE, CHEN 13SEP2021
APVD HOPE, LU 13SEP2021

DIMENSIONS:

mm



TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.3
2 PLC ±0.20
3 PLC ±0.050
4 PLC ±
ANGLES ±
FINISH

MATERIAL

-

-

PRODUCT SPEC

108-160247

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME

PCI EXPRESS CARD EDGE CONNECTOR GEN5, 2.76 SOLDER TAB, WITHOUT RIDGE

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-2399941

RESTRICTED TO

-

SCALE

6:1

SHEET

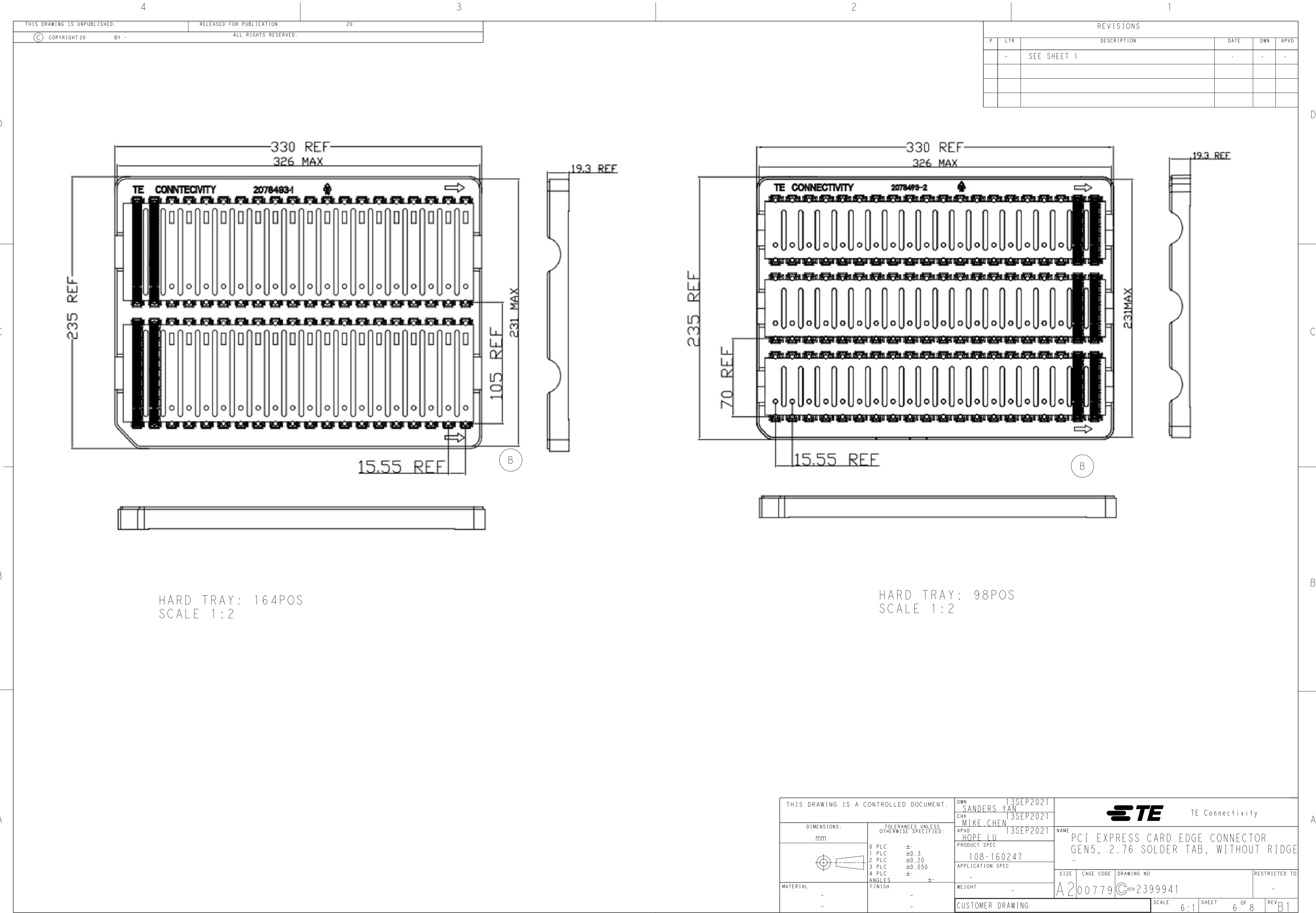
5 OF 8

REV

B1

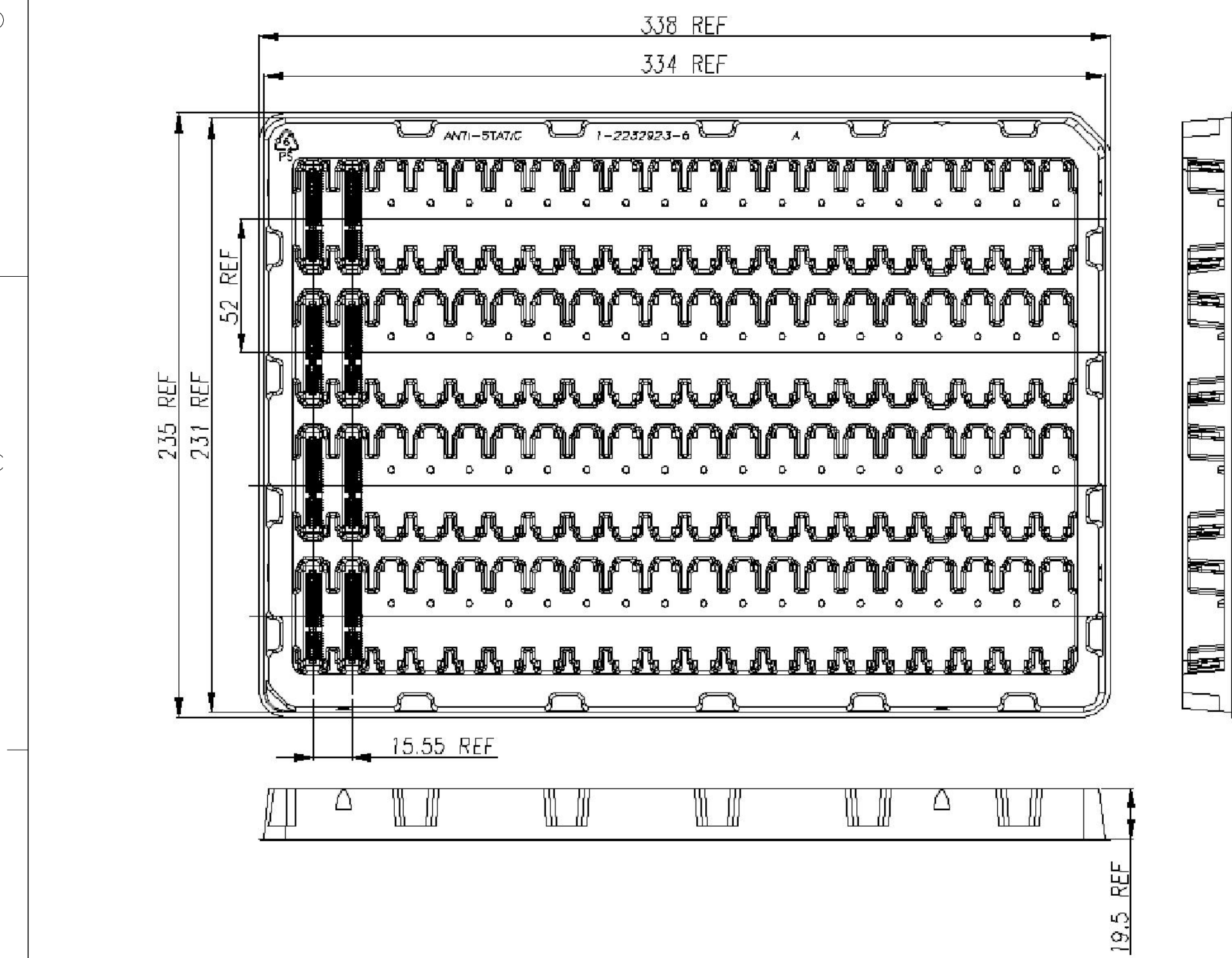
TE Connectivity

1471-9 (3/13)

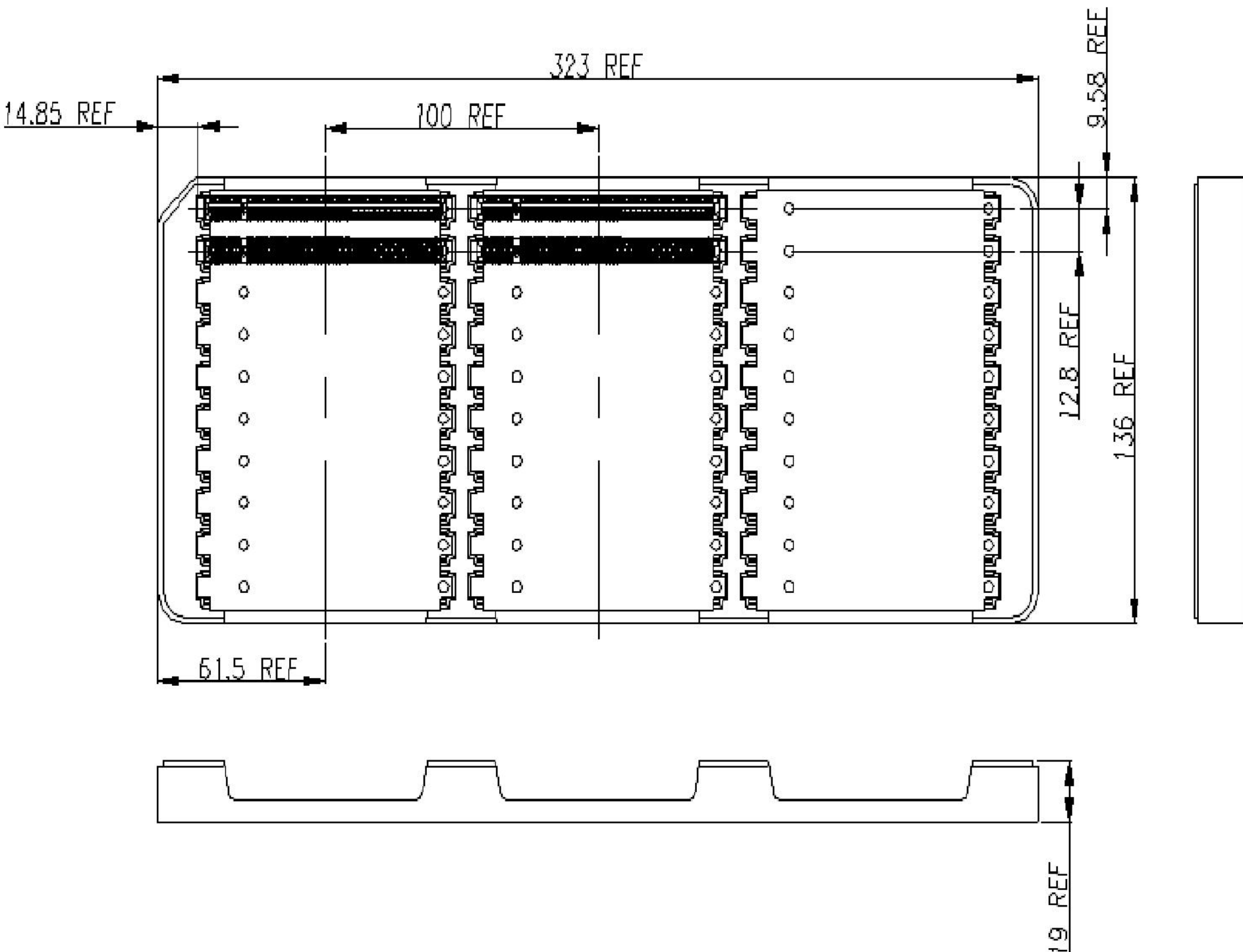


1471-9 (3/13)

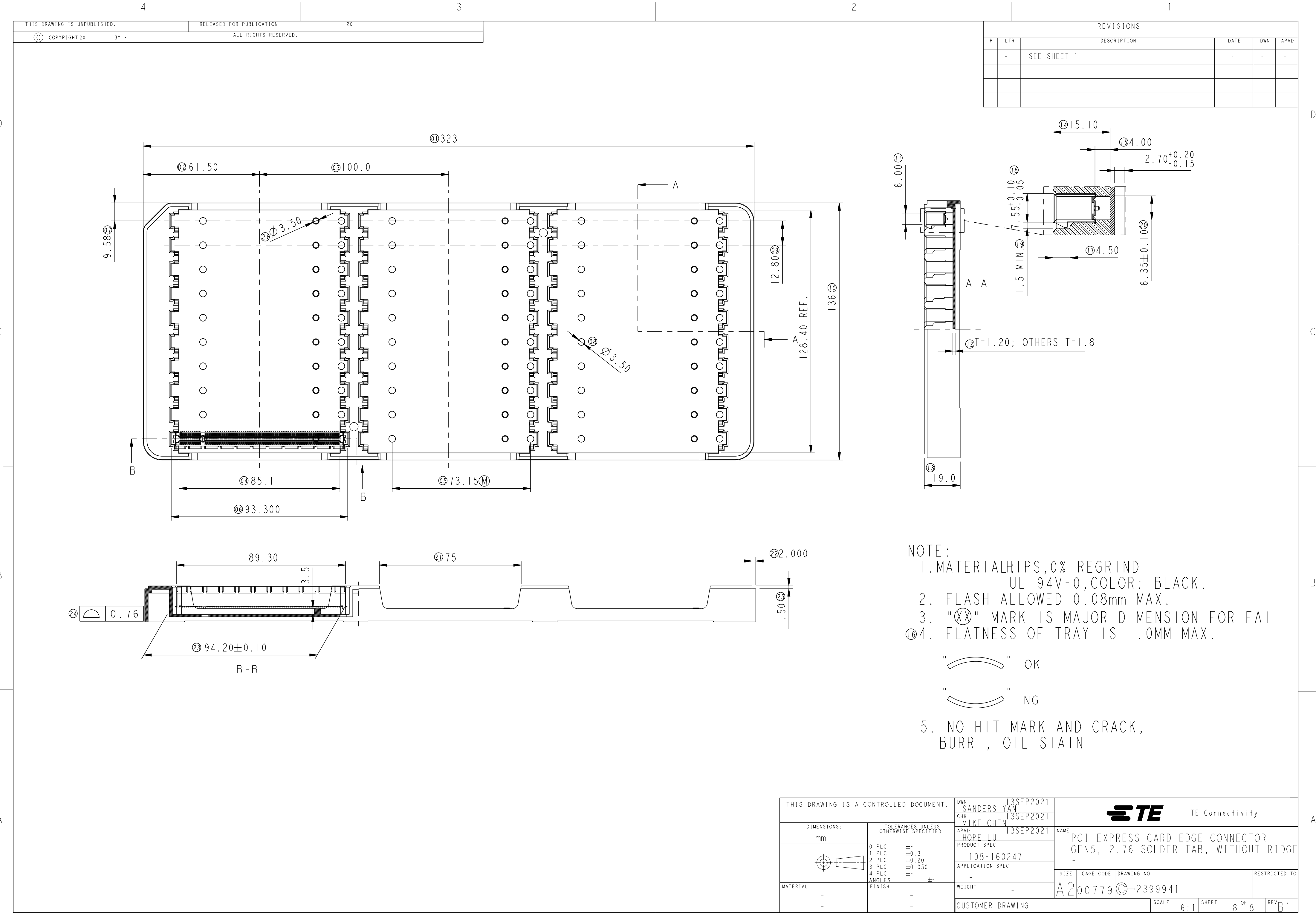
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



SOFT TRAY: 64POS
SCALE 1:2



HARD TRAY: FOR 6-2399941-8/9-2399941-8/8-2399941-8 (164POS)
SCALE 1:2



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

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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SANDERS YAN 13SEP2021	TE Connectivity		
DIMENSIONS:		CHK MIKE.CHEN 13SEP2021			
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD HOPE LU 13SEP2021	NAME PCI EXPRESS CARD EDGE CONNECTOR		
	0 PLC ±	PRODUCT SPEC	GEN5, 2.76 SOLDER TAB, WITHOUT RIDGE		
	1 PLC ±0.3	108-160247	-		
	2 PLC ±0.20	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO		
	3 PLC ±0.050	-	A200779C-2399941		
4 PLC ±		WEIGHT	RESTRICTED TO		
ANGLES ±		-	-		
FINISH		CUSTOMER DRAWING	SCALE 6:1 SHEET 8 OF 8 REV B1		
-		-			
-		-			