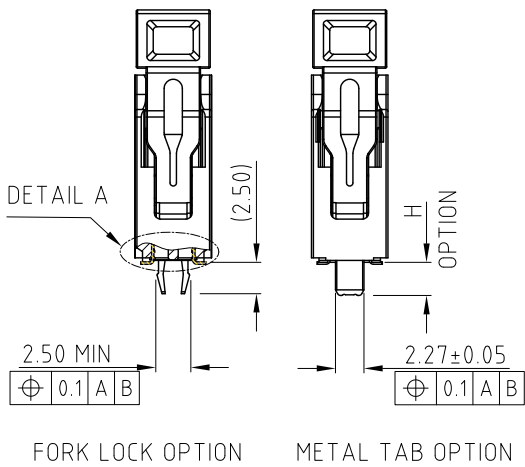
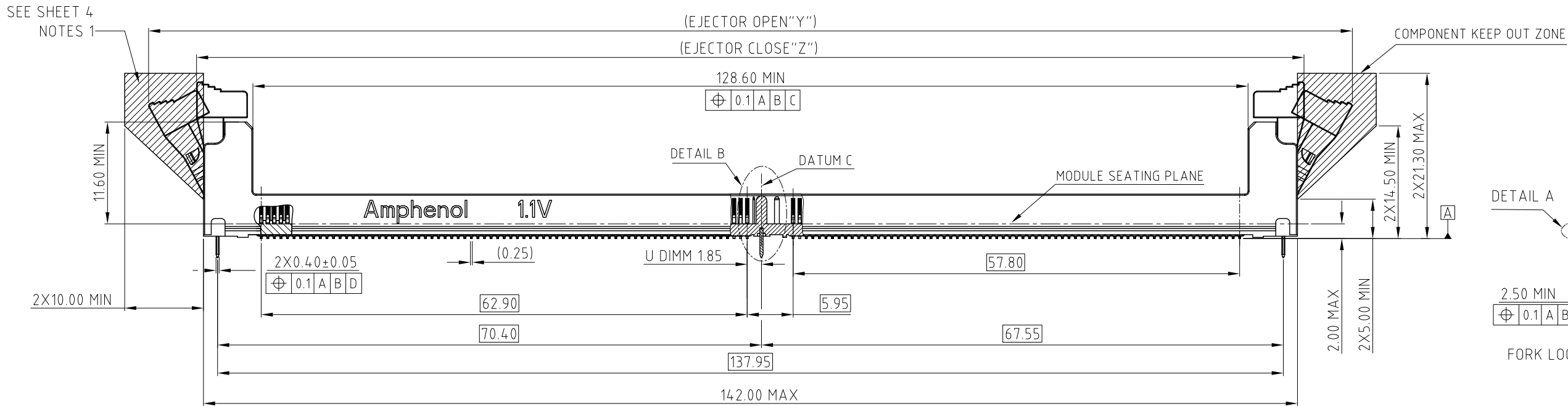
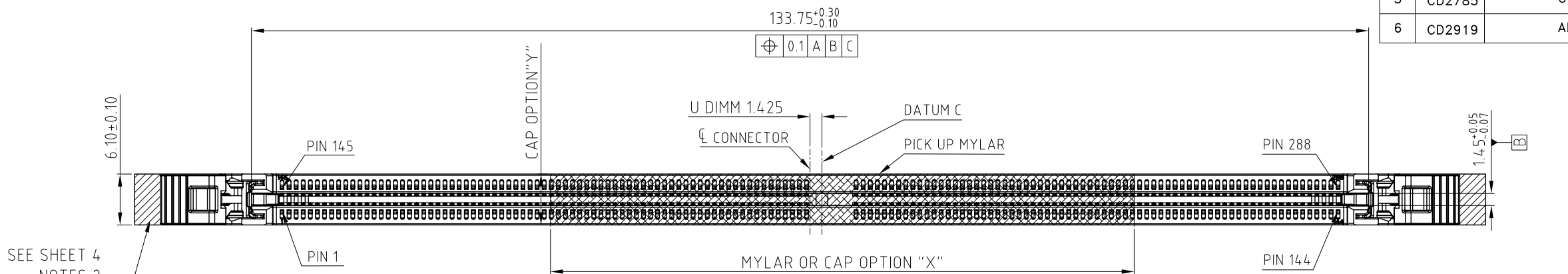
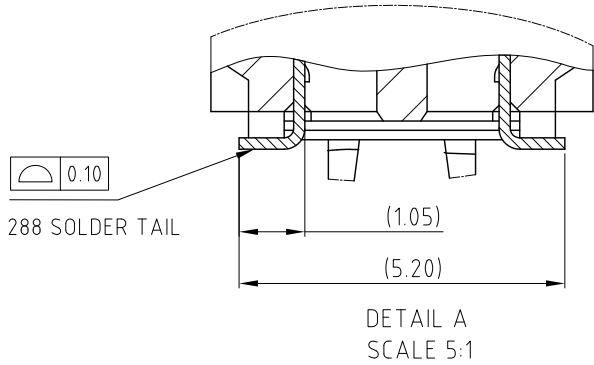
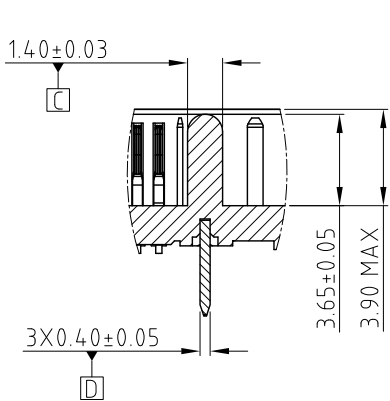


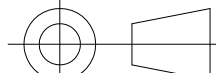
CUSTOMER DRAWING

REVISIONS					
SYM	ECN	DESCRIPTION		DATE	APPROVED
4	CD2651	CHANGE THE RECOMMENDED STENCIL THICKNESS FROM NOT LESS THAN 0.15MM TO 0.18MM		May.28,2021	YH
5	CD2785	UPDATE THE PACKING TRAY		Aug.05,2021	YH
6	CD2919	ADD 123.6MM MYLAR OPTION		Dec.02,2021	YH

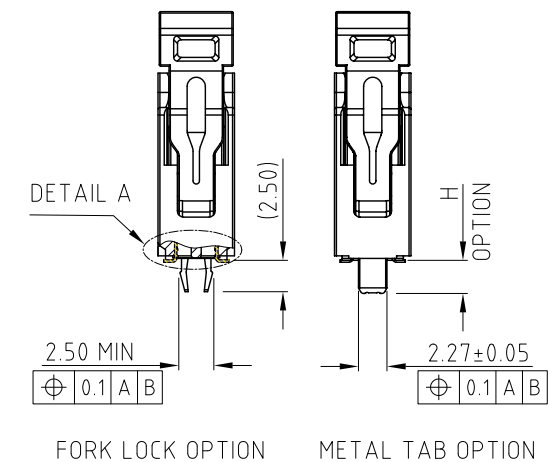
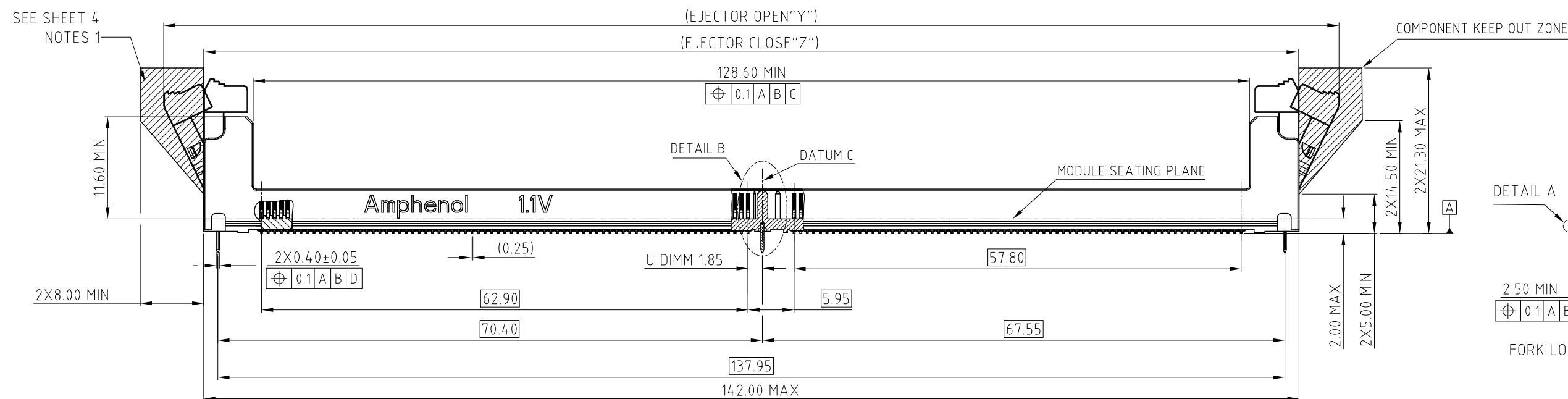
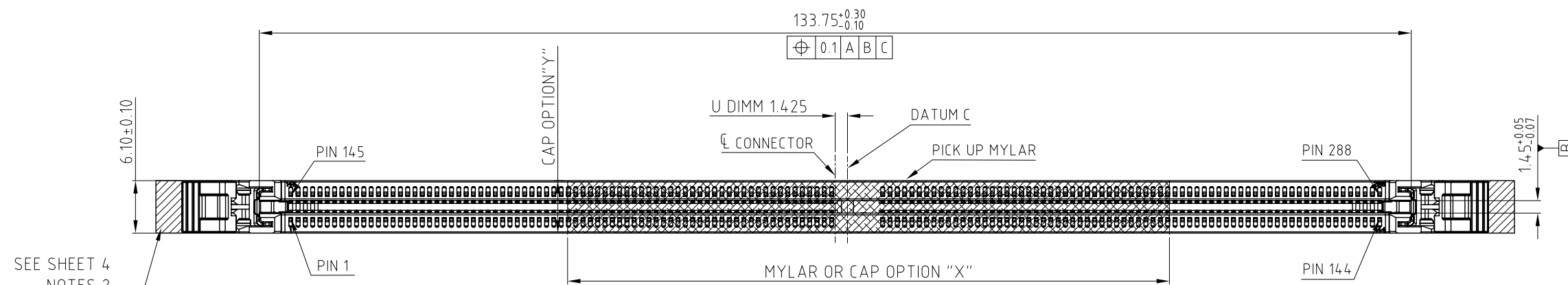


ITEM	EJECTOR OPEN DIMENSION"Y"	EJECTOR CLOSE DIMENSION"Z"	EJECTOR FIGURE
STANDARD LATCH	156.00	144.00	

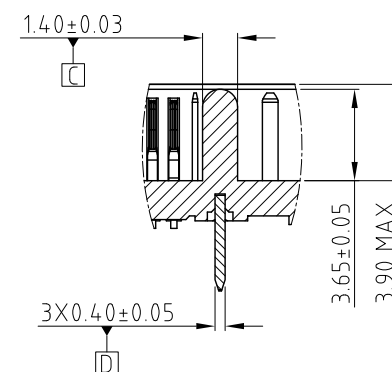


UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN Kellen.Yang		Dec.02,2021			
.X +/— 0.35		CHECKED		TITLE		DDR5 288P U DIMM CONNECTOR	
.XX +/— 0.25		CHECKED					
.XXX +/— 0.15		CHECKED					
FRACTIONS +/—		DRAWING FILE :		SIZE		DRAWING NO.	
ANGLES +/— 3°		DRAWING\DDR\CDDR503XXXXXXX					
FOR MATERIALS AND FINISHES SEE NOTES		ANGLE OF PROJECTION					
REMOVE SHARP EDGES				A3		C DDR5-03-X-X-X-XXX-X-X	
DIMENSIONS							
U.S. INCHES							
(METRIC)		(MM)		SCALE		NONE	
				SHEET		1 OF 6	

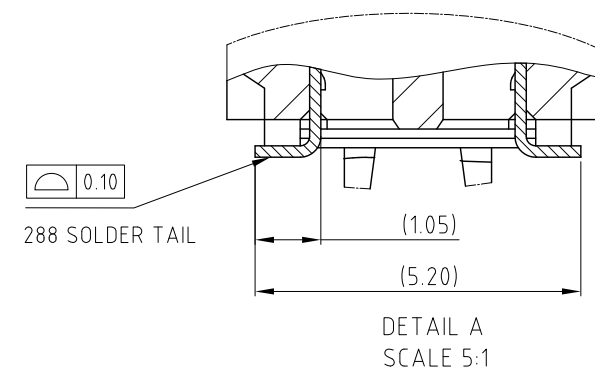
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET1		



ITEM	EJECTOR OPEN DIMENSION"Y"	EJECTOR CLOSE DIMENSION"Z"	EJECTOR FIGURE
SHORT LATCH	152.00	142.00	



DETAIL B
SCALE 2:1

[illegible]

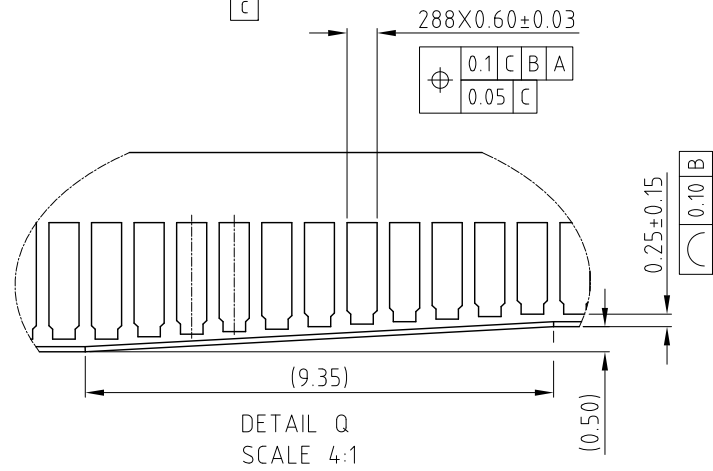
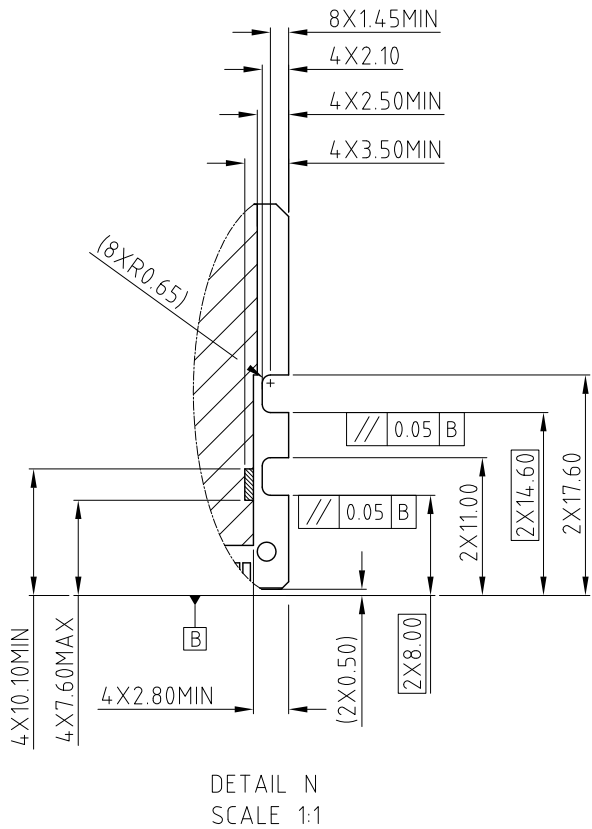
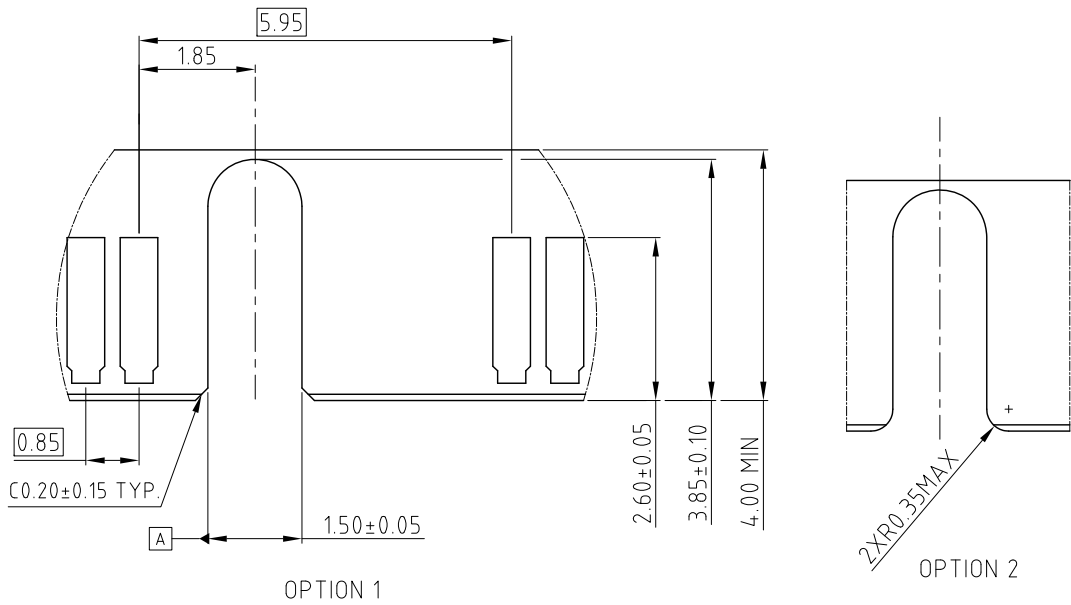
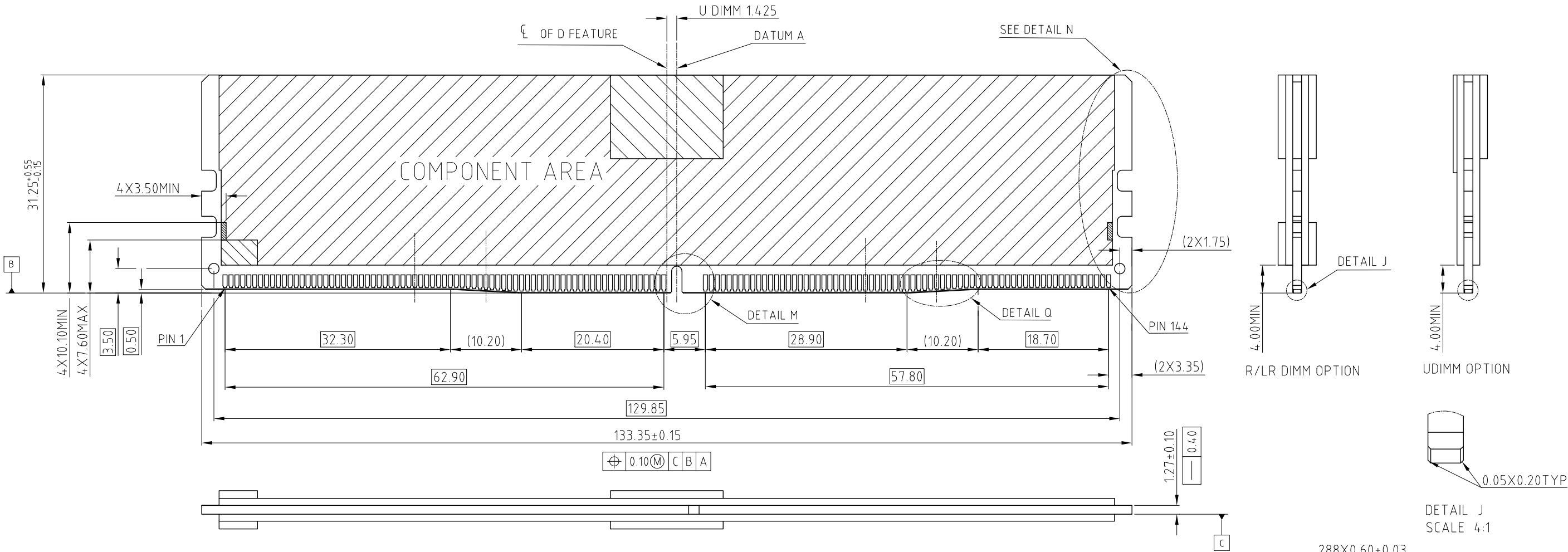
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

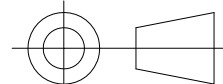
CUSTOMER DRAWING



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET1		

DDR5 MODULE
MORE INFORMATION REFER TO JEDEC MO-329

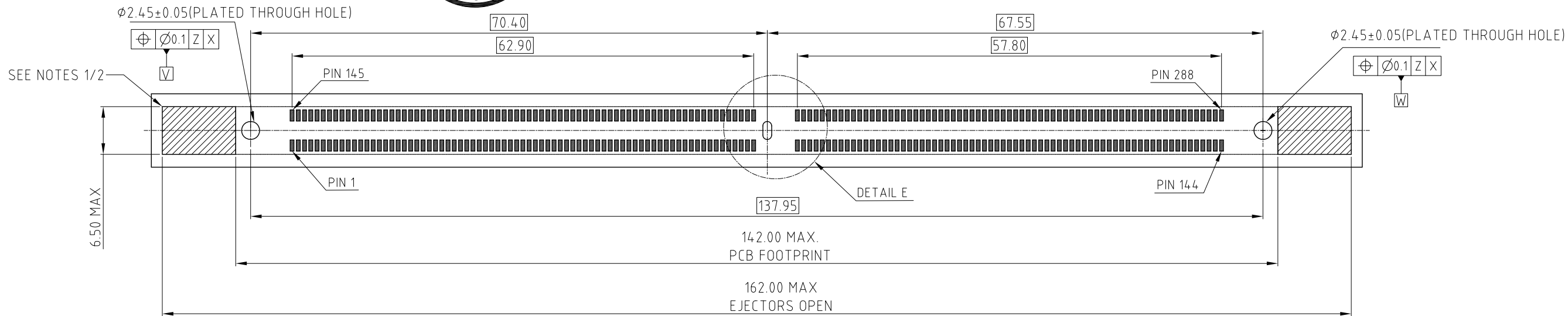


UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol			
U.S. METRIC		DRAWN	Kellen.Yang	Dec.02,2021					
.X +/— 0.35		CHECKED							
.XX +/— 0.25		CHECKED							
.XXX +/— 0.15						TITLE DDR5 288P U DIMM CONNECTOR			
FRACTIONS +/-									
ANGLES +/- 3°									
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE : DRAWING\DDR\CDDR503XXXXXXXXXX							
REMOVE SHARP EDGES		ANGLE OF PROJECTION							
DIMENSIONS				SIZE		DRAWING NO.		REV.	
— U.S. —				A3		C DDR5-03-X-X-X-XXX-X-X		6	
— INCHES —				SCALE		NONE		SHEET 3 OF 6	
(METRIC)									
(MM)									

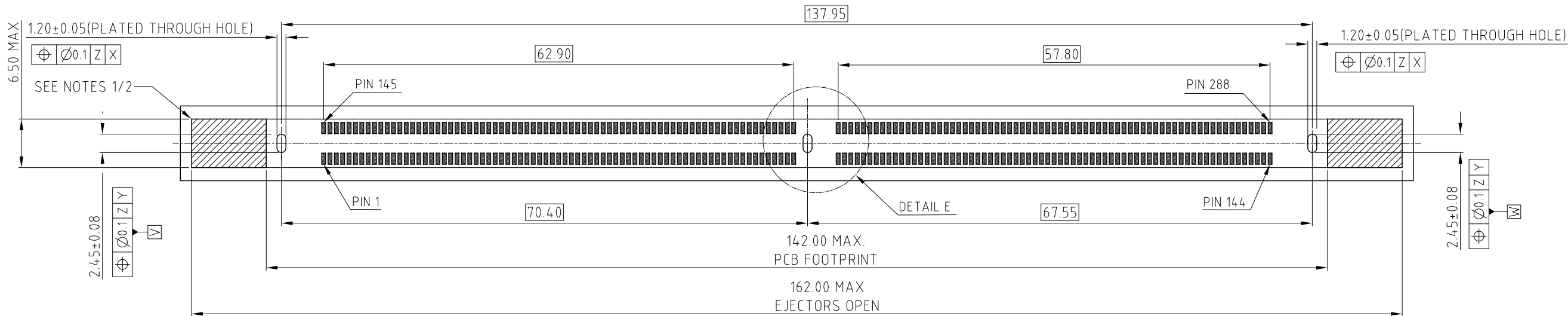


CUSTOMER DRAWING

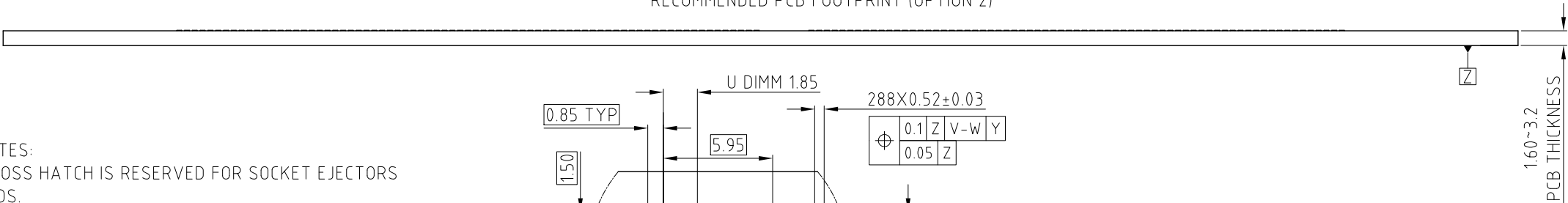
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET1		



RECOMMENDED PCB FOOTPRINT (OPTION 1)



RECOMMENDED PCB FOOTPRINT (OPTION 2)

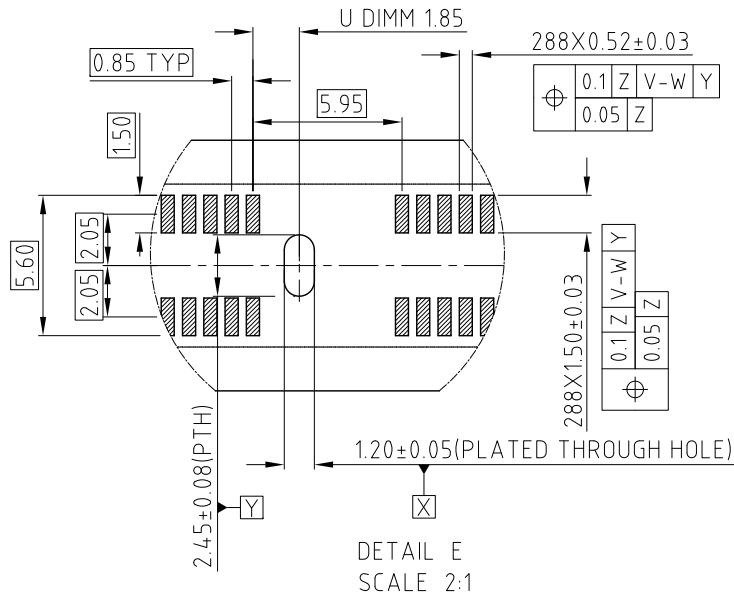


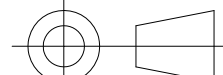
ADDITIONAL NOTES:

1. KEEP OUT CROSS HATCH IS RESERVED FOR SOCKET EJECTORS AT BOTH ENDS.
2. KEEP OUT ZONE IS HEIGHT LIMITED PER NOTE 1.
3. RECOMMENDED STENCIL THICKNESS:

REFLOW CONDITION	THICKNESS OF STENCIL
AIR	0.18MM MIN
NITROGEN	0.18MM MIN
REWORK	0.20MM MIN

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-023



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN Kellen.Yang		Dec.02,2021			
.X +/— 0.35		CHECKED		TITLE		DDR5 288P U DIMM CONNECTOR	
.XX +/— 0.25							
.XXX +/— 0.15		CHECKED					
FRACTIONS +/-		DRAWING FILE :		ANGLE OF PROJECTION		SIZE	
ANGLES +/- 3°		DRAWING\DDR\CDDR503XXXXXXXXXX					
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		DRAWING NO.		REV.	
DIMENSIONS				A3 C DDR5-03-X-X-X-XXX-X-X		6	
— U.S. —				SCALE		NONE	
(METRIC)				SHEET 4		OF 6	
— INCHES —							
(MM)							

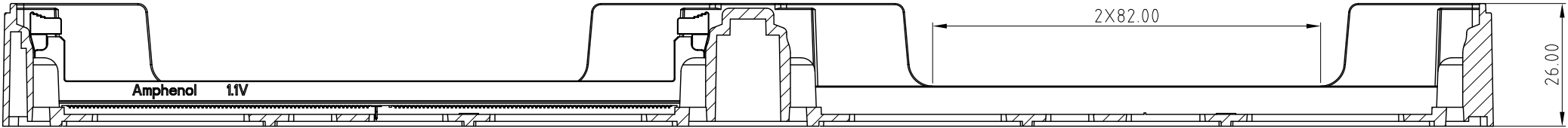
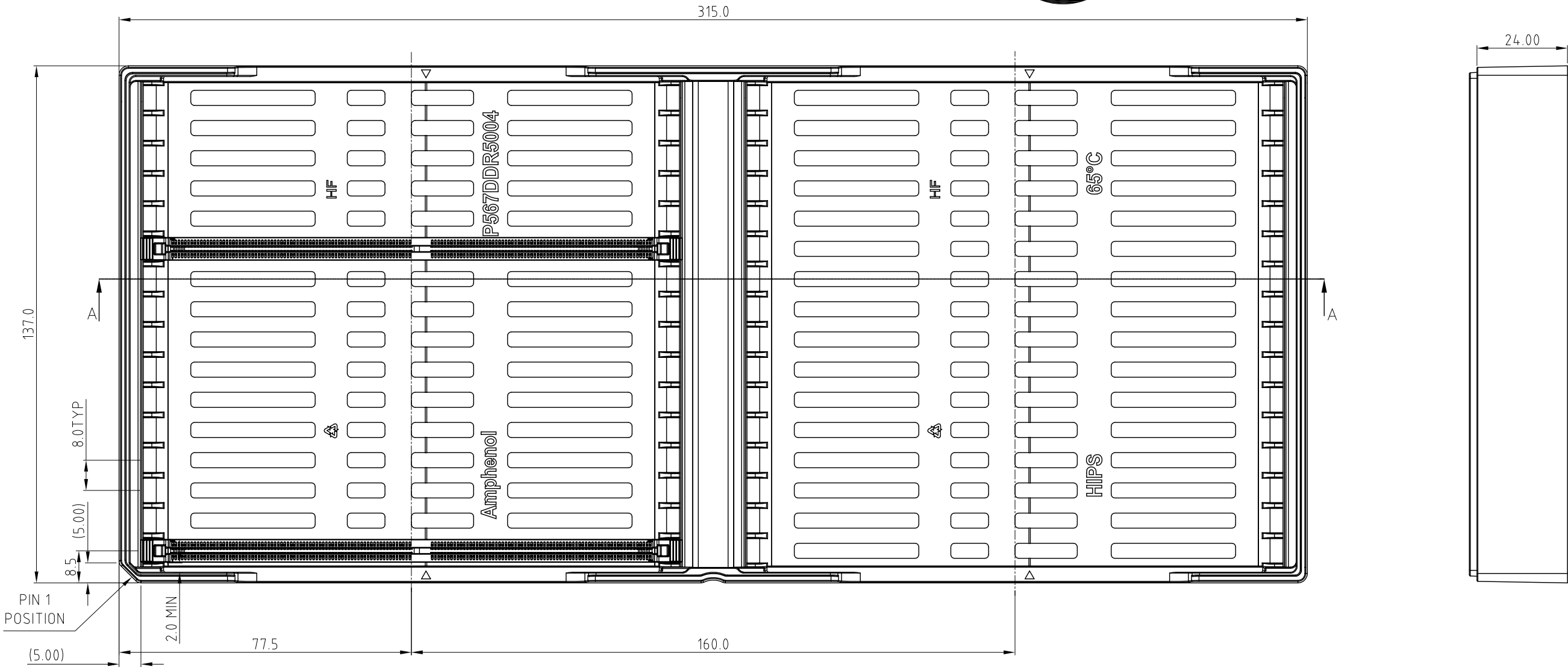
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET1		

PACKING TRAY DRAWING



SECTION A-A

- NOTES:
- 1. MATERIAL: HIPS, BLACK
 - 2. QUANTITY:32PCS/TRAY

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol		
		DRAWN	Kellen.Yang	Dec.02,2021			
.X	+/-				TITLE		
.XX	+/-	CHECKED					
.XXX	+/-	CHECKED			DDR5 288P U DIMM CONNECTOR		
FRACTIONS	+/-	DRAWING FILE : DRAWING\DDR\CDDR503XXXXXXX			SIZE	DRAWING NO.	REV.
ANGLES	+/-	ANGLE OF PROJECTION			A3	C DDR5-03-X-X-X-XXX-X-X	6
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES			SCALE	NONE	SHEET 5 OF 6
DIMENSIONS		U.S. INCHES					
		(METRIC) (MM)					

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET1		

NOTES:

1. MATERIAL:
 - 1.1 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, UL94V-0, COLOR:OPTION.
 - 1.2 LATCH: HIGH TEMPERATURE THERMAL PLASTIC, UL94V-0. COLOR: OPTION.
 - 1.3 TERMINAL: COPPER ALLOY.
 - 1.4 BOARDLOCK: COPPER ALLOY.
 - 1.5 METAL CLIP: SUS.
2. FINISH:
 - 2.1 TERMINAL:
 - 2.1.1 CONTACT AREA: SELECTED GOLD PLATING;
 - 2.1.2 SOLDERING AREA: MATTE TIN PLATING 100u"THICKNESS MIN;
UNDER PLATING: NICKEL PLATING 50u" THICKNESS MIN. UNLESS OTHERWISE SPECIFIED
 - 2.2 BOARDLOCK:
 - 2.2.1 100u" MIN LEAD FREE MATTE TIN OVER 50u" MIN NICKEL UNDERPLATED OVERALL.
3. ELECTRICAL CHARACTERISTICS:
 - 3.1 CONTACT CURRENT RATING:1.0A MAX
 - 3.2 INSULATION RESISTANCE:1M Ω MIN. 500ADC.
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE:500 VAC AT SEA LEVEL.
 - 3.4 LOW LEVEL CONTACT RESISTANCE:
INITIAL:40m Ω MAX.
FINAL:THE CHANGE IN LLCR BETWEEN THE READING AFTER STRESS AND
THE INITIAL READING SHALL NOT EXCEED 20 m Ω MAX.
4. MECHANICAL CHARACTERISTICS:
 - 4.1 CONTACT RETENTION FORCE:300gF MIN/PER PIN.
 - 4.2 DURABILITY:25 CYCLES.
 - 4.3 INSERTION FORCE (MODULE TO CONNECTOR) :106.8N MAX.
UNMATING FORCE :19.77N MIN.
5. RELIABILITY AND OTHER CHARACTERISTICS:
 - 5.1 SOLDERABILITY -LEAD FREE: JESD22-B102; CONDITION C, 8 HOURS $\pm$ 15 MINUTES STEAM PRECONDITION.
 - 5.2 VIBRATION: EIA-364-28, RANDOM PROFILE:
5 HZ @ 0.01 g $\sqrt{2}$ /HZ TO 20HZ @ 0.02g $\sqrt{2}$ /HZ (SLOPE UP), 20 HZ TO 500HZ @ 0.02g $\sqrt{2}$ /HZ (FLAT),
INPUT ACCELERATION IS 3.13g RMS.
 - 5.3 CYCLIC TEMPERATURE AND HUMIDITY: PER EIA-364-31, METHOD III WITHOUT CONDITIONING,
INITIAL MEASUREMENTS, COLD SHOCK AND VIBRATION.
 - 5.4 THERMAL SHOCK: PASSED PER EIA-364-32, METHOD A, TABLE 2, TEST CONDITION 1,
-55°C TO 85°C. PERFORM 5 CYCLES IN MATED CONDITION.
 - 5.5 MECHANICAL SHOCK: EIA-364-27, TEST CONDITION E,
 - 5.6 OPERATING TEMPERATURE: -55°C TO 85°C.
6. HALOGEN-FREE COMPLIANT PRODUCT. MEET AMPHENOL SPEC # S-SN-004.
7. ORDER PN SYSTEM: DDR5 XX X X X XXX X X

DOUBLE DATA RATE 5 SERIES

```
XX: APPLICATION TYPE
03: SMT,288P, UDIMM CONNECTOR
```

X:	HOUSING COLOR
1:	BLACK
2:	NATURAL (IVORY)
3:	YELLOW
4:	BLUE

X: LATCH COLOR
1: BLACK
2: NATURAL (IVORY)
3: YELLOW
4: BLUE

X:	CONTACT PLATED	SEE SEQUENCE
0:	GOLD FLASH	
1:	15u" Au ON CONTACT AREA	
2:	30u" Au ON CONTACT AREA	
3:	15u" MIN GXT	
4:	30u" MIN GXT	
5:	15u" Au ON CONTACT AREA AND 90u" Ni MIN ON UNDERPLATING:	
6:	30u" Au ON CONTACT AREA AND 90u" Ni MIN ON UNDERPLATING:	
8:	18u" AU ON CONTACT AREA	

X: CUSTOMER CODE OPTION:
BLANK
0.....
9
A.....
Z

X: PACKING AND MYLAR OPTIONS
T: SOFT TRAY
H: HARD TRAY PACKAGE, WITH MYLAR "X"=40MM
J: HARD TRAY PACKAGE, WITH MYLAR "X"=70MM
K: HARD TRAY PACKAGE, WITHOUT MYLAR
M: HARD TRAY PACKAGE, WITH MYLAR "X"=90MM
C: HARD TRAY PACKAGE, WITH CAP "X"=70MM; "Y"=6MM
S: HARD TRAY PACKAGE, WITH MYLAR "X"=123.6MM

SEE SEQUENCE NUMBER TABLE

SEQUENCE NUMBER		
CODE	OPTION DESCRIPTION	FIGURE DIM "H"
001	1. STANDARD HOUSING 2. STANDARD LATCH 3. FORK LOCK	
002	1. STANDARD HOUSING 2. STANDARD LATCH 3. METAL TAB	
003	1. STANDARD HOUSING 2. STANDARD LATCH 3. ONE FORK LOCK IN MIDDLE, TWO TABS ON BOTH SIDES	
004	1. STANDARD HOUSING 2. SHORT LATCH 3. ONE FORK LOCK IN MIDDLE, TWO TABS ON BOTH SIDES	
005	1. STANDARD HOUSING 2. SHORT LATCH 3. FORK LOCK	
006	1. STANDARD HOUSING 2. SHORT LATCH 3. METAL TAB	
007	1. STANDARD HOUSING 2. STANDARD LATCH 3. METAL TAB	
008	1. STANDARD HOUSING 2. SHORT LATCH 3. METAL TAB	

SEQUENCE NUMBER		
CODE	OPTION DESCRIPTION	FIGURE DIM "H"
009	1. STANDARD HOUSING 2. STANDARD LATCH 3. ONE FORK LOCK IN MIDDLE, TWO TABS ON BOTH SIDES	
010	1. STANDARD HOUSING 2. SHORT LATCH 3. ONE FORK LOCK IN MIDDLE, TWO TABS ON BOTH SIDES	
.....		



UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC .X +/- / 0.35 .XX +/- / 0.25 .XXX +/- / 0.15 FRACTIONS +/- / ANGLES +/- / 3° FOR MATERIALS AND FINISHES SEE NOTES		APPROVAL		DATE		Amphenol					
		DRAWN	Kellen.Yang	Dec.02,2021							
		CHECKED									
		CHECKED									
REMOVE SHARP EDGES		DRAWING FILE : DRAWING\DDR\CDDR503XXXXXXX				TITLE DDR5 288P U DIMM CONNECTOR					
DIMENSIONS		ANGLE OF PROJECTION									
— U.S. — (METRIC)						SIZE		DRAWING NO.		REV.	
— INCHES — (MM)						A3		C DDR5-03-X-X-X-XXX-X-X		6	
						SCALE		NONE		SHEET 6 OF 6	