

A

B

C

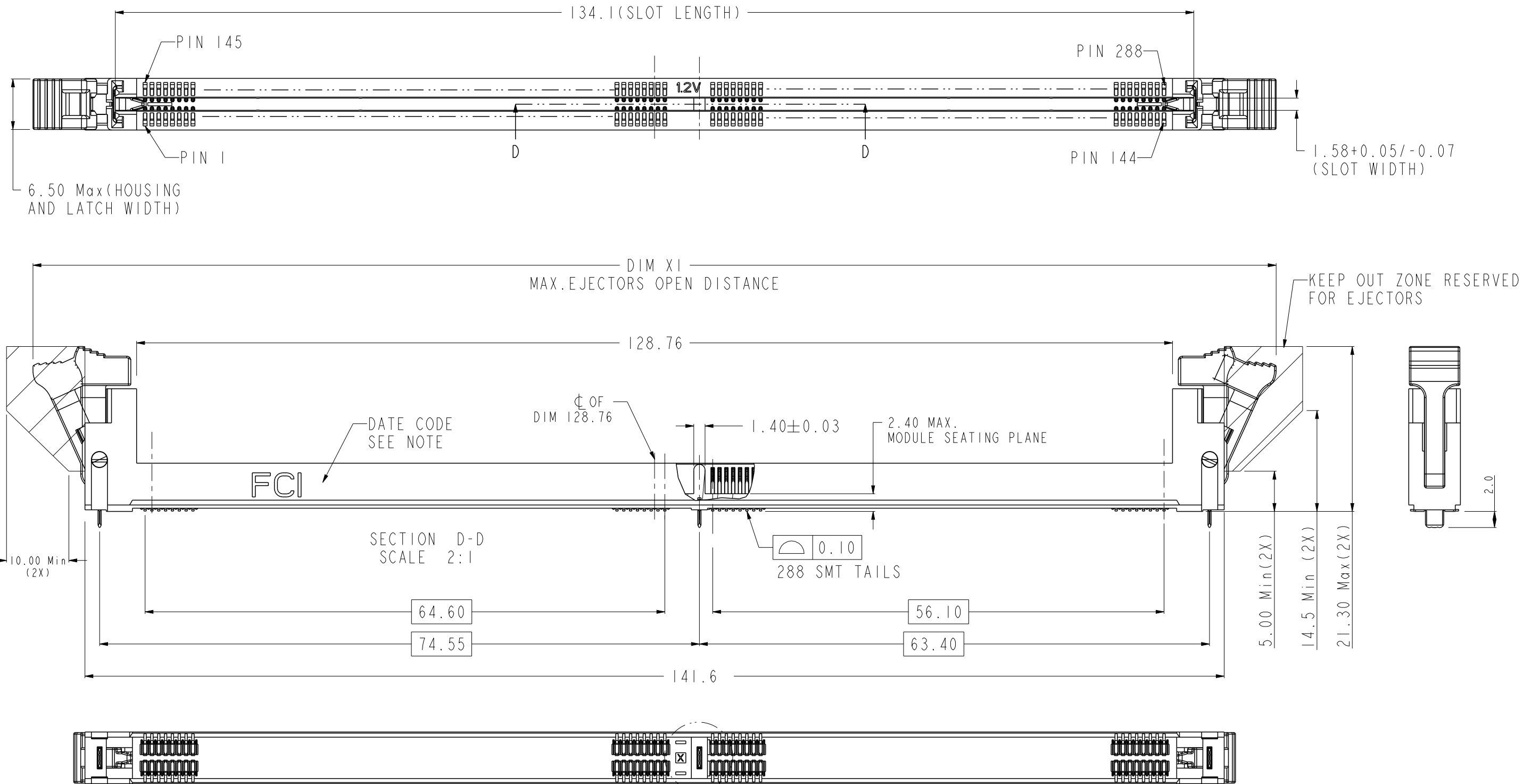
D

A

B

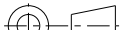
C

D



SOLDER BLADE AT MIDDLE
FOR 10148176-23XXXXXLF
DETAIL A
SCALE 4:1

SOLDER TAB AT MIDDLE
FOR 10148176-24XXXXXLF
DETAIL A
SCALE 4:1

spec ref -				dr Nickor Zuo		2018/09/25		projection				mm		size A3		scale 2:1			
tolerance std				eng Winston Zhu		2020/10/22		chr -		-		ecn no		ELX-DG-38437-1					
ISO 406				TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -		-		appr Nickor Zuo		2020/11/06		product family		-		rel level Released	
ISO 1101						product family		-		rel level		Released							
surface 				linear		0.X		±0.30		Amphenol FCI		title DDR4 288 PIN DIMM CONNECTOR		dwg no		10148176		rev B	
ISO 1302				linear		0.XX		±0.20											
ISO 1302				linear		0.XXX		±0.10											
ISO 1302				angular		0°		±5°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 5	

DDR4 MODULE
MORE INFORMATION REFER TO JEDEC MO-309

A

B

C

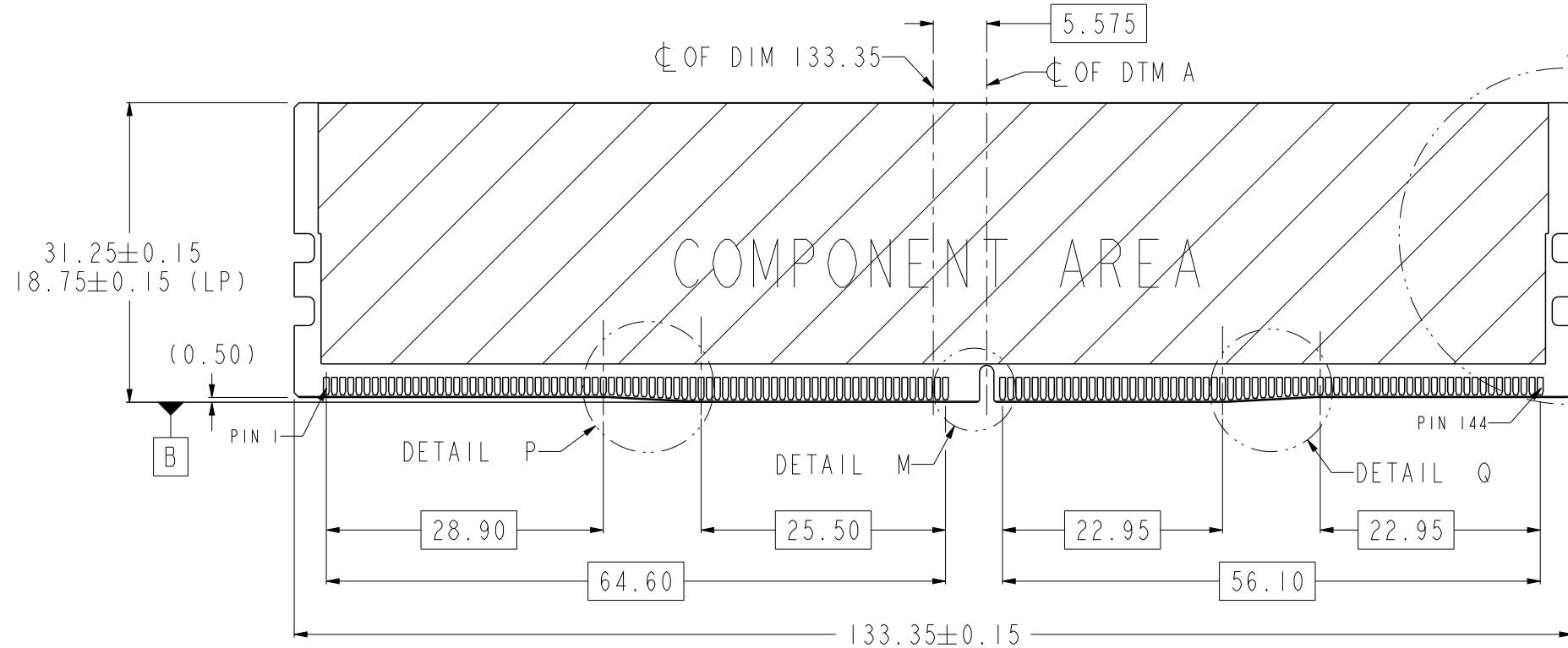
D

A

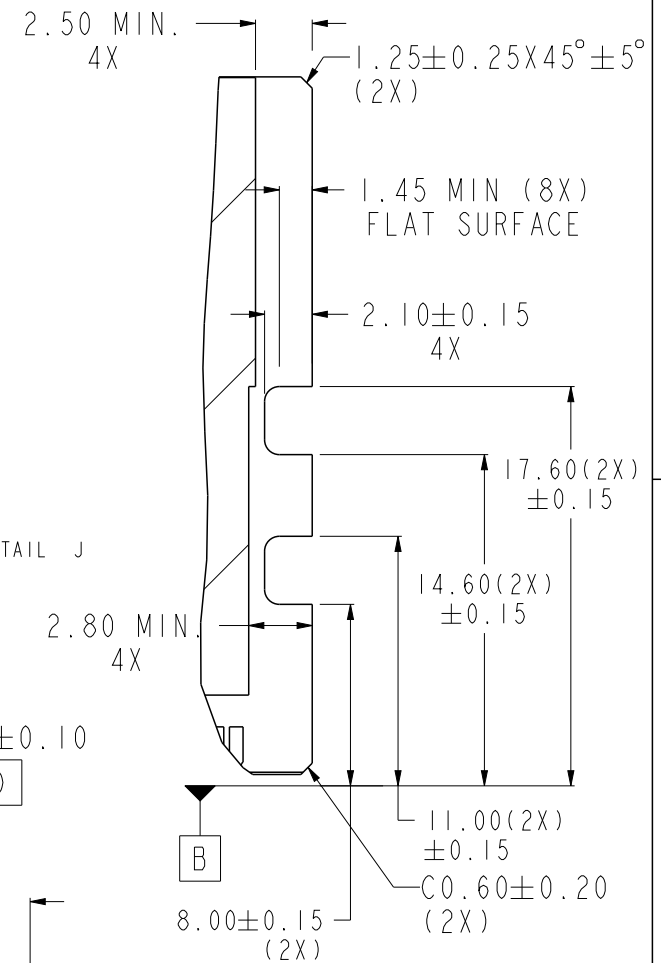
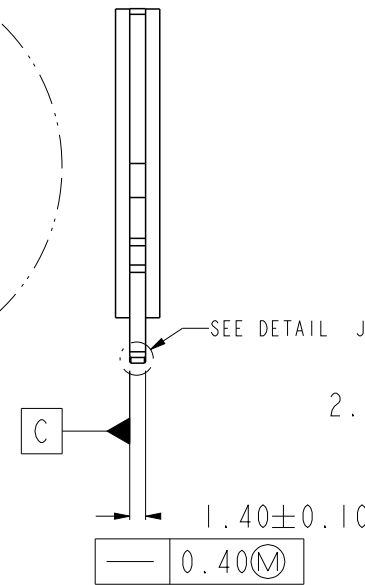
B

C

D

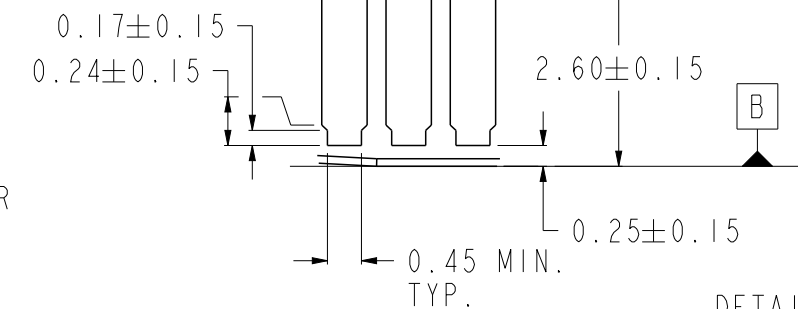


SEE DETAIL N

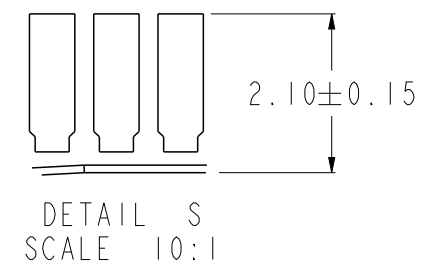


DETAIL N
SCALE 3:1

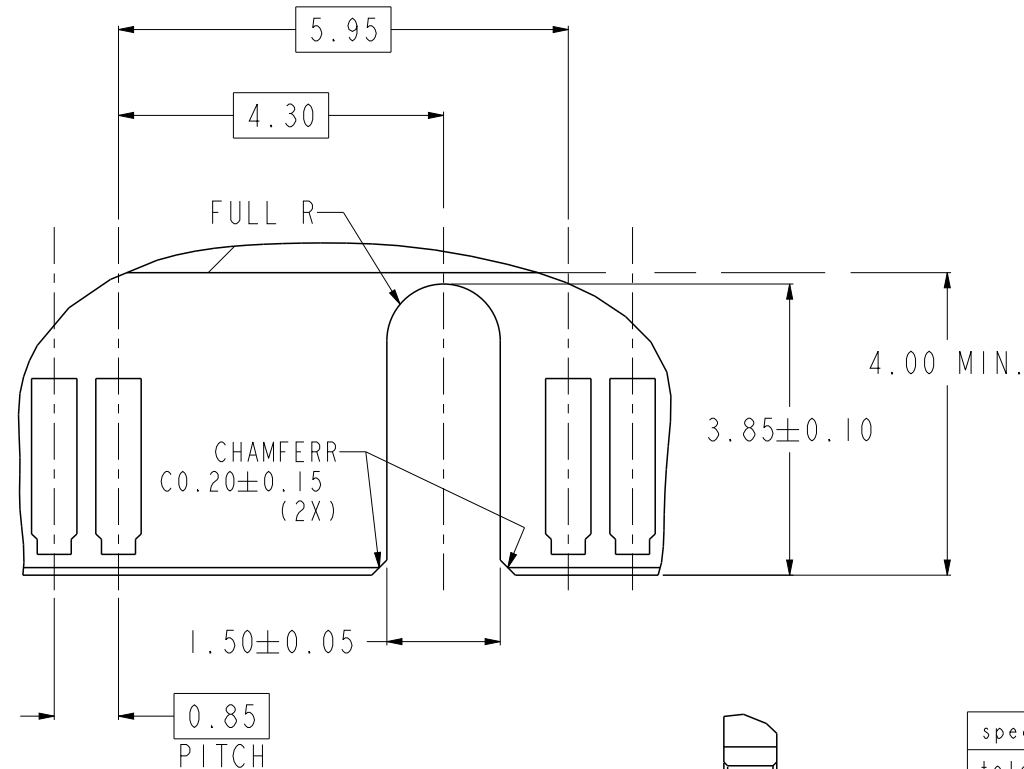
0.60±0.03 TYP
⊕ 0.10 C B A
⊕ 0.05 C



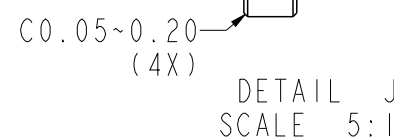
DETAIL R
SCALE 10:1



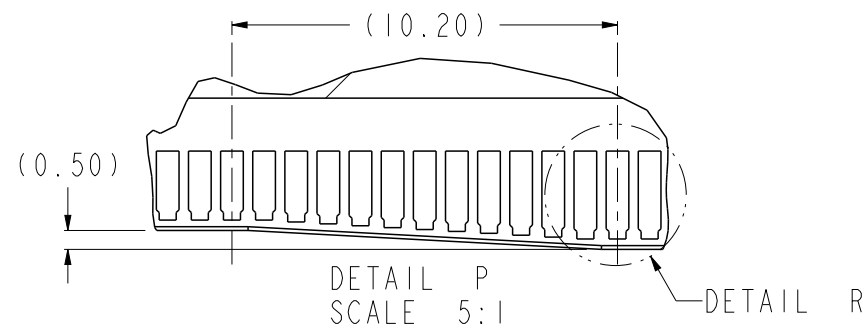
DETAIL S
SCALE 10:1



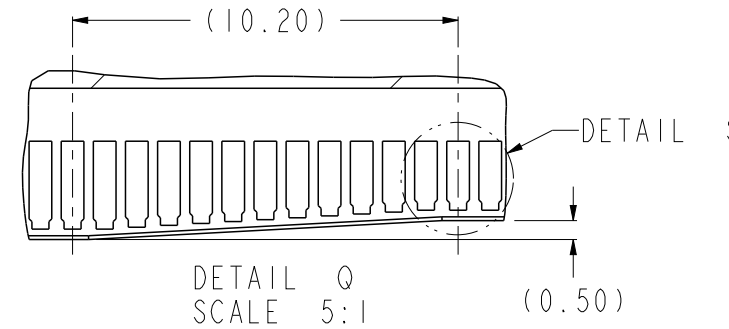
DETAIL M
SCALE 10:1



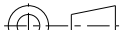
DETAIL J
SCALE 5:1



DETAIL P
SCALE 5:1



DETAIL Q
SCALE 5:1

spec ref -				dr Nickor Zuo		2018/09/25		projection				mm		size A3		scale 3:2	
tolerance std ASME Y14.5				eng Winston Zhu		2020/10/22		chr -		-				ecn no ELX-DG-38437-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Nickor Zuo		2020/11/06		product family -						rel level Released			
surface  ISO 1302		linear		0.X		±0.30		Amphenol FCI		title DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION		dwg no 10148176		rev B			
				0.XX		±0.20											
				0.XXX		±0.10											
		angular		0°		±5°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 2 of 5	

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-017

6.50 MAX.
KEEP OUT ZONE

SEE DETAIL C

$\varnothing 2.45 \pm 0.05$
 $\varnothing 0.10$ X

PIN 145

64.60

56.10

$\varnothing 2.45 \pm 0.05$

PIN 288

Y

PIN 1

PIN 144

X

74.55

63.40

142.00 MAX.
KEEP OUT ZONE

DIM XI
MAX.EJECTORS OPEN KEEP OUT ZONE

Z

THICKNESS
1.6~3.2mm

0.57 ± 0.03 (288X)
 $\varnothing 0.10$ X-Y X
 $\varnothing 0.05$

4.30

1.65

1.20 ± 0.05
 $\varnothing 0.10$ Z X-Y X

2.45 ± 0.08
 $\varnothing 0.10$ Z X-Y X

1.80 ± 0.03 (288X)
 $\varnothing 0.10$ X-Y X
 $\varnothing 0.05$

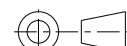
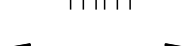
4.60

0.85
PITCH

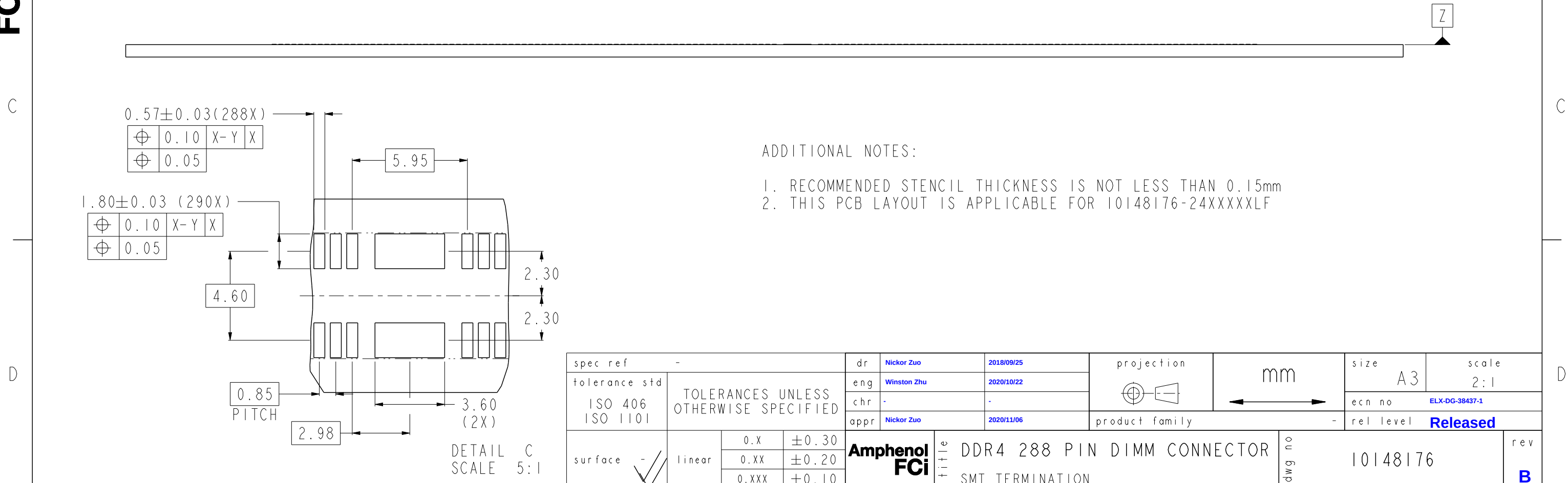
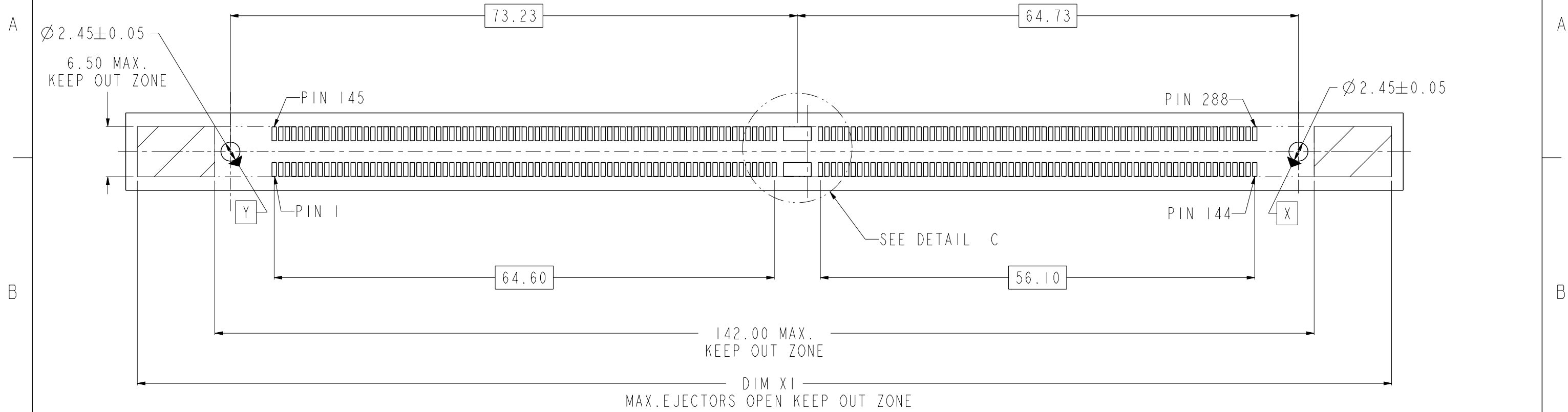
DETAIL C
SCALE 5:1

ADDITIONAL NOTES:

1. RECOMMENDED STENCIL THICKNESS IS NOT LESS THAN 0.15mm
2. THIS PCB LAYOUT IS APPLICABLE FOR 10148176-23XXXXXL

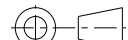
spec ref -		dr Nickor Zuo		2018/09/25		projection 	mm 	size A3	scale 2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Winston Zhu	2020/10/22				ecn no ELX-DG-38437-1	
			chr -	-				rel level Released	
		appr Nickor Zuo		2020/11/06		product family -			
surface  ISO 1302	linear	0.X	±0.30	Amphenol FCi	title DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION	dwg no 10148176	rev B		
		0.XX	±0.20						
		0.XXX	±0.10						
	angular	0°	±5°	www.fci.com	cat. no. -	Product - Customer Drw		sheet 3 of 5	

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-017



ADDITIONAL NOTES:

1. RECOMMENDED STENCIL THICKNESS IS NOT LESS THAN 0.15mm
2. THIS PCB LAYOUT IS APPLICABLE FOR 10148176-24XXXXLF

spec ref -				dr	Nickor Zuo	2018/09/25	projection  mm 	size	A3	scale	2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Winston Zhu	2020/10/22		ecn no ELX-DG-38437-1			
				chr	-	-					
								appr	Nickor Zuo	2020/11/06	product family -
surface  ISO 1302	linear	0.X	±0.30	Amphenol FCi	title DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION				dwg no 10148176	rev B	
		0.XX	±0.20								
		0.XXX	±0.10								
	angular		0°	±5°	www.fci.com	cat. no. -		Product - Customer Drw			sheet 4 of 5

PRODUCT PART NUMBER

10148176-□□□□□□□□

ADDITIONAL REQUIREMENTS

2:DEFAULT

HOLD DOWNS CONFIGURATIONS

3: 3 SOLDER BLADES
4: 2 SOLDER BLADES AT BOTH END +
1 SOLDER TAB(SMT HOLD DOWN) AT MIDDLE

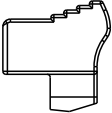
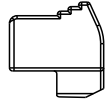
MYLAR AND PACKAGE

0: WITH MYLAR,HARD TRAY PACKAGE
1: WITHOUT MYLAR AND CAP, HARD TRAY PACKAGE
2: WITH CAP, HARD TRAY PACKAGE

HOUSING COLOR

0: NATURAL
1: BLACK
2: BLUE

EJECTOR TYPE

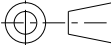
CODE	COLOR	DIM"X1" MAX.EJECTORS OPEN DISTANCE	LATCH FIGURE
J	NATURAL	156.00	
K	BLACK		
3	NATURAL	152.00	
4	BLACK		

CONTACT AREA PLATING

CODE	CONTACT AREA
11LF	15u" MIN.GOLD
13LF	30u" MIN.GOLD

NOTES:

1. MATERIALS:
HOUSING: PA9T
EJECTOR: PA9T
TERMINAL: COPPER ALLOY
FORKLOCK: COPPER ALLOY
SOLDER TAB:COPPER ALLOY
2. STENCIL THICKNESS IS NOT LESS THAN 0.15mm.
3. DATE CODE"MMDDYYL",MMDDYY IS ASSEMBLY DATE,
L IS FCI PRODUCTION LINE.
4. SPECIFICATION:
PRODUCTION SPECIFICATION: FCI GS-12-1092.
PACKAGE SPECIFICATION: FCI GS-14-2267.
APPLICATION SPECIFICATION: FCI GS-20-0353.
5. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN FCI GS-22-008.
6. THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS
IN REFLOW SOLDERING APPLICATION.

spec ref -				dr Nickor Zuo		2018/09/25		projection		mm		size A3		scale 1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng Winston Zhu		2020/10/22						ecn no ELX-DG-38437-1	
ISO 406						chr -		-							
ISO 1101						appr Nickor Zuo		2020/11/06						product family -	
surface - 		linear		Amphenol FCI		title DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION		dwg no 10148176		rev B					
												0.X ±0.30			
												0.XX ±0.20			
		0.XXX ±0.10													
ISO 1302		angular 0° ±5°				cat. no. -		Product - Customer Drw		sheet 5 of 5					