

A

B

C

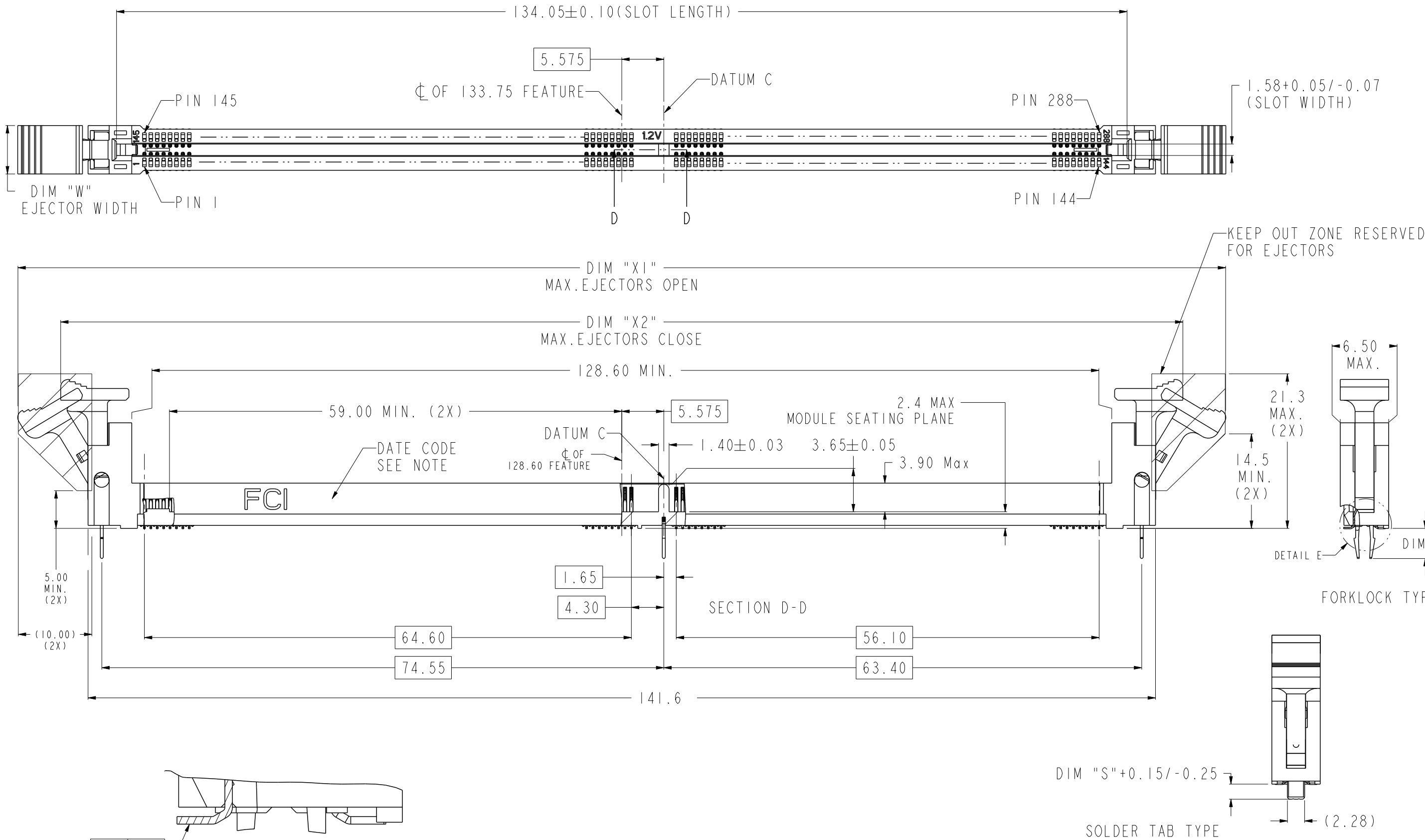
D

A

B

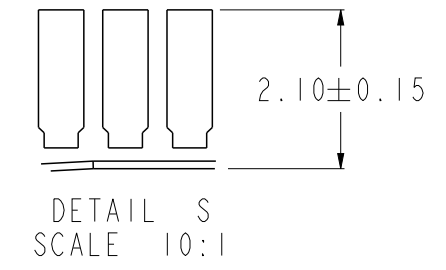
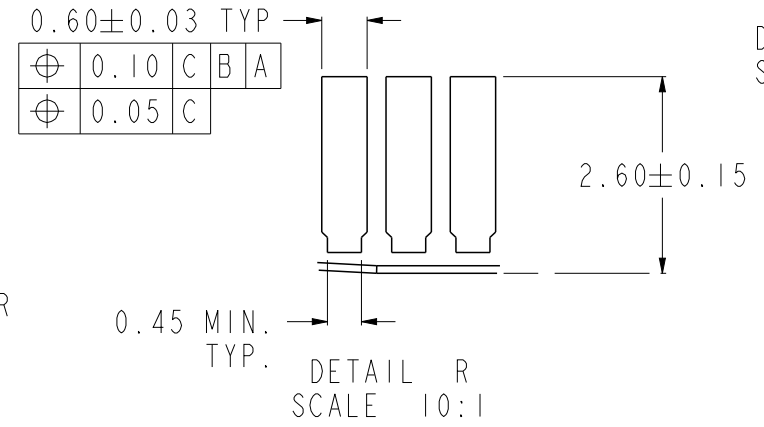
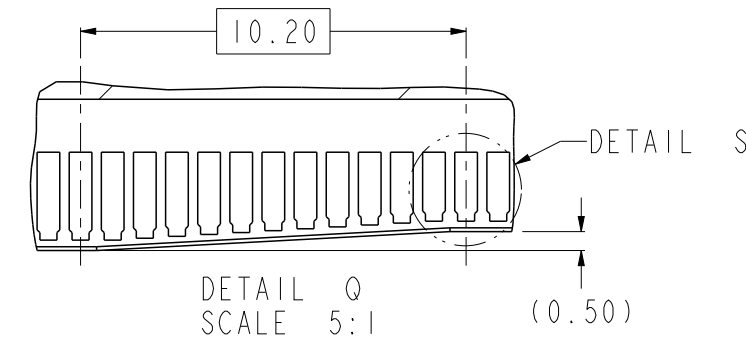
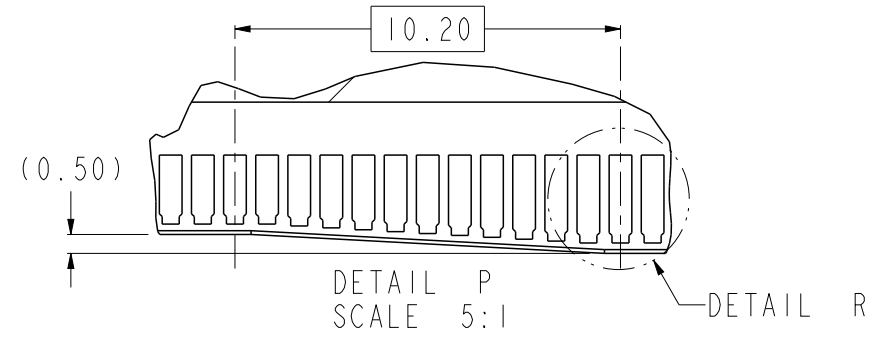
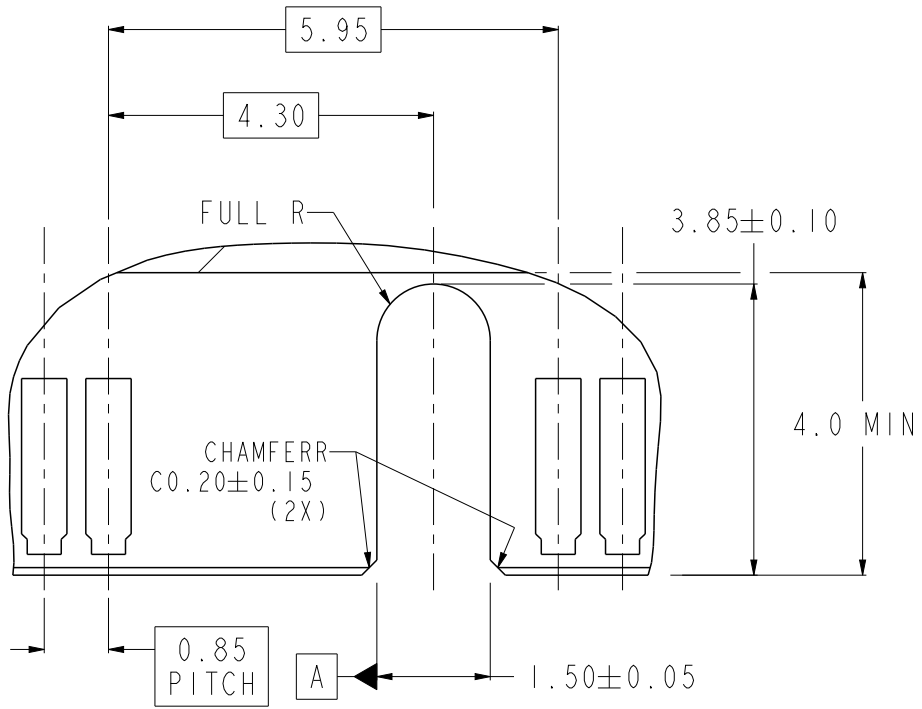
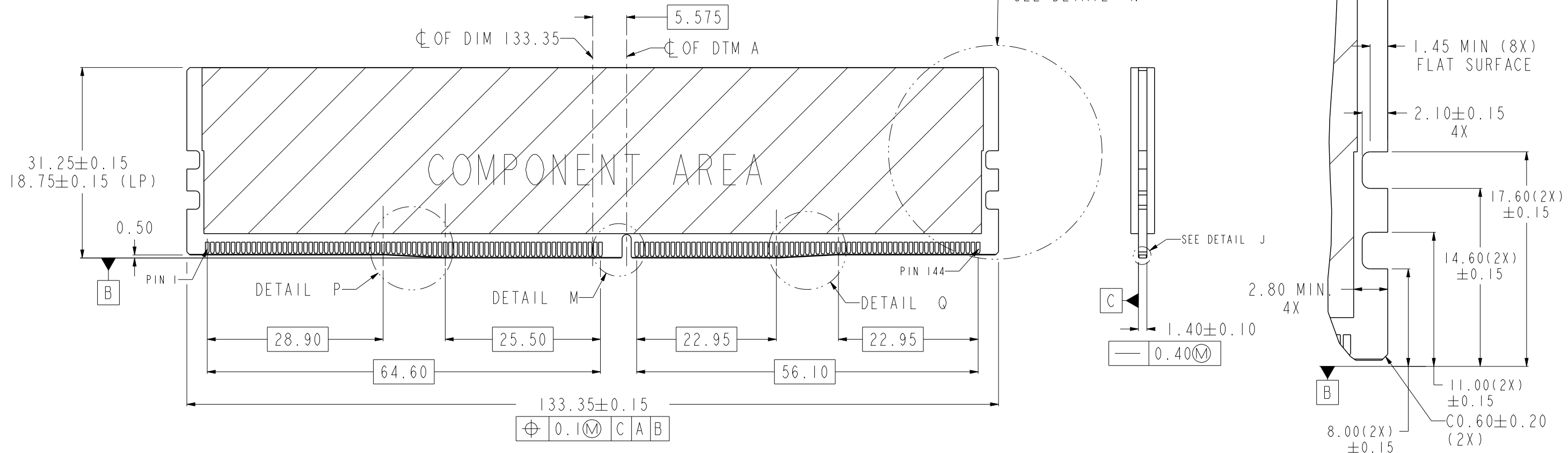
C

D

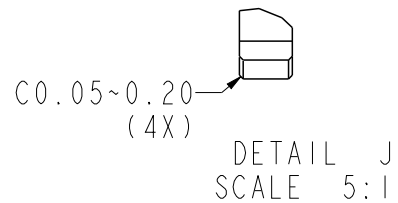


spec ref		-		dr		Nickor Zuo		2013/05/30		projection		mm		size		A3		scale		1:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Girder Liang		2020/02/19						ecn no		ELX-DG-36077-1													
ISO 406				chr		-		-						rel level		Released													
ISO 1101				appr		Nickor Zuo		2020/02/20		product family						-													
surface ISO 1302		linear		0.X		±0.30		Amphenol FCI		title		DDR4 288 PIN DIMM CONNECTOR						dwg no		10124677						rev		G	
				0.XX		±0.20																							
				0.XXX		±0.10																							
		angular		0°		±2°																							

DDR4 MODULE
MORE INFORMATION REFER TO JEDEC MO-309



DETAIL M
SCALE 10:1



spec ref	-	dr	Nickor Zuo	2013/05/30	projection	mm	size	A3	scale	3:2
tolerance std	ISO 406 ISO 1101	eng	Girder Liang	2020/02/19	chr	-	ecn no	ELX-DG-36077-1	rel level	Released
surface	linear	appr	Nickor Zuo	2020/02/20	product family	-	dwg no	10124677	rev	G
ISO 1302	angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 2 of 5			

Amphenol
FCi

DDR4 288 PIN DIMM CONNECTOR
SMT TERMINATION

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-017

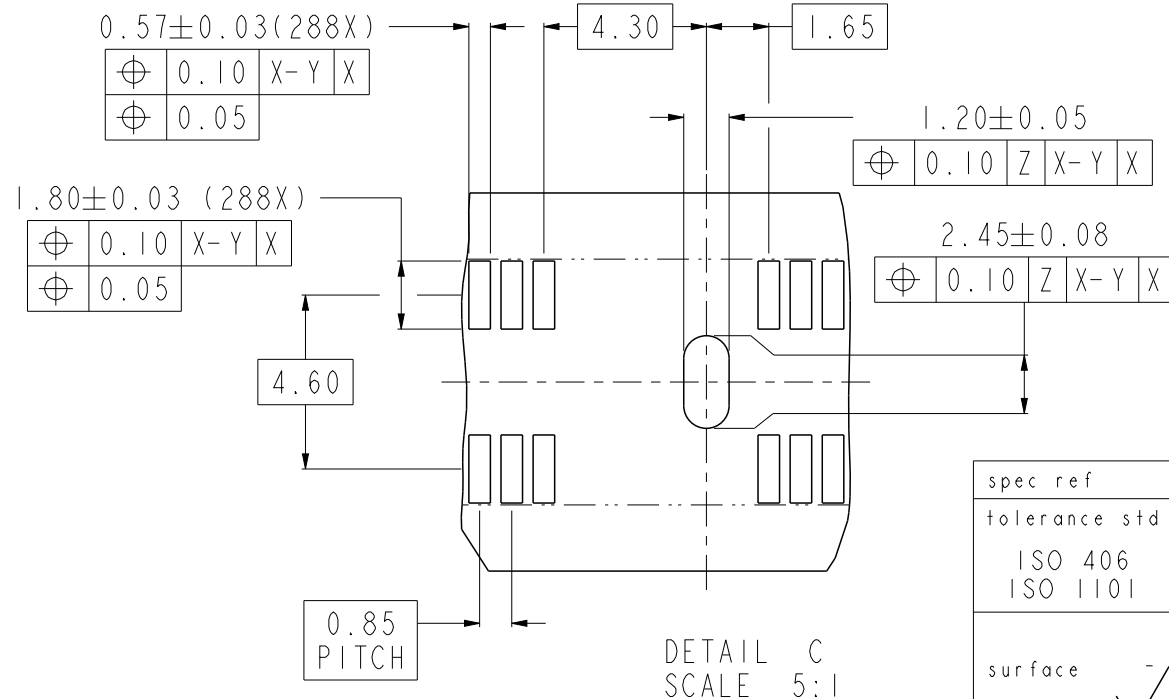
6.50 MAX.
KEEP OUT ZONE

SEE DETAIL C

THICKNESS
1.6~3.2mm

ADDITIONAL NOTES:

1. RECOMMENDED STENCIL THICKNESS IS NOT LESS THAN 0.15mm



spec ref -				dr Nickor Zuo		2013/05/30		projection	mm	size	A3	scale	1:1			
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Girder Liang		2020/02/19				ecn no ELX-DG-36077-1						
				chr -		-				rel level Released						
				appr Nickor Zuo		2020/02/20										
						product family										
surface ISO 1302	linear	0.X		±0.30		Amphenol FCi	title	DDR4 288 PIN DIMM CONNECTOR				dwg no	10124677		rev	G
		0.XX		±0.20												
		0.XXX		±0.10				SMT TERMINATION								
	angular	0°		±2°				cat. no.		-			Product - Customer Drw			

PRODUCT PART NUMBER

10124677-

ADDITIONAL REQUIREMENTS

0: DEFAULT

HOLD DOWNS CONFIGURATIONS

- 0: 3 FORKLOCKS, DIM "Y"=4.00±0.25
1: 3 FORKLOCKS, DIM "Y"=2.50±0.25
2: 3 FORKLOCKS, DIM "Y"=3.78±0.25
3: 3 SOLDER TABS, DIM"S"=2.00
5. 2 SOLDER TABS AT BOTH END +1 FORKLOCK AT MIDDLE
DIM "Y"=4.00±0.25
6. 3 SOLDER TABS, DIM"S"=1.50

MYLAR AND PACKAGE

0. WITH MYLAR(LENGTH=30mm),HARD TRAY PACKAGE
1. WITH MYLAR(LENGTH=90mm),HARD TRAY PACKAGE
2. WITHOUT MYLAR, HARD TRAY PACKAGE
3. WITHOUT MYLAR, SPECIFIED HARD TRAY PACKAGE (OMIT FOUR CORNERS)
4. WITH CAP, HARD TRAY PACKAGE

HOUSING COLOR

- 0: NATURAL
1: BLACK
2: BLUE

SMT TAIL PLATING

LF: 100u" MIN. MATTE TIN
TL: 100u" MIN. TIN LEAD

CONTACT AREA PLATING

CONTACTS LUBRICATION

- 0: WITHOUT
1: WITH

EJECTOR TYPE

CODE	CONTACT AREA	UNDERPLATING
1	15u" MIN.GOLD	50u" MIN.NICKEL
3	30u" MIN.GOLD	
4	30u" MIN.GXT	
5	15u" MIN.GXT	90u" MIN.NICKEL
6	30u" MIN.GOLD	
7	15u" MIN.GOLD	

CODE	COLOR	DIM"X1" MAX.EJECTORS OPEN DISTANCE	DIM"X2" MAX.EJECTORS CLOSE DISTANCE	DIM"W" EJECTOR WIDTH	EJECTOR FIGURE
R	NATURAL	157.00	146.00	(6.42)	
P	BLACK				
V	BLUE				

CODE	COLOR	DIM"X1" MAX.EJECTORS OPEN DISTANCE	DIM"X2" MAX.EJECTORS CLOSE DISTANCE	DIM"W" EJECTOR WIDTH	EJECTOR FIGURE
0	NATURAL	162.00	149.00	(6.42)	
I	BLACK				
D	BLUE				
3	NATURAL	153.00	143.00	(6.42)	
4	BLACK				
S	SEE NOTE 7				
H	GREEN	153.00	143.00	(6.42)	
B	NATURAL				
C	BLACK				
6	NATURAL	158.00	146.00	(4.00)	
7	BLACK				
E OR J	NATURAL	156.00	146.00	(6.42)	
F OR K	BLACK				
U	BLUE				
Y	YELLOW				

spec ref		-		dr		Nickor Zuo		2013/05/30		projection		mm		size		A3		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Girder Liang		2020/02/19						ecn no		ELX-DG-36077-1									
ISO 406				chr		-		-																	
ISO 1101				appr		Nickor Zuo		2020/02/20														product family		-	
surface		linear		0.X		±0.30		Amphenol FCI		title		DDR4 288 PIN DIMM CONNECTOR		dwg no		10124677		rev		G					
																						0.XX		±0.20	
																						0.XXX		±0.10	
ISO 1302		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 4 of 5									

PRODUCT PART NUMBER

10124677-

ADDITIONAL REQUIREMENTS

I: LOW HALOGEN

HOLD DOWNS CONFIGURATIONS

- 0: 3 FORKLOCKS, DIM "Y"=4.00±0.25
1: 3 FORKLOCKS, DIM "Y"=2.50±0.25
2: 3 FORKLOCKS, DIM "Y"=3.78±0.25
3: 3 SOLDER TABS, DIM"S"=2.00
5: 2 SOLDER TABS AT BOTH END +1 FORKLOCK AT MIDDLE
DIM "Y"=4.00±0.25
6: 3 SOLDER TABS, DIM"S"=1.50

MYLAR AND PACKAGE

0. WITH MYLAR(LENGTH=30mm),HARD TRAY PACKAGE
1. WITH MYLAR(LENGTH=90mm),HARD TRAY PACKAGE
2. WITHOUT MYLAR, HARD TRAY PACKAGE
3. WITHOUT MYLAR, SPECIFIED HARD TRAY PACKAGE (OMIT FOUR CORNERS)

HOUSING COLOR

- 0: NATURAL
1: BLACK
2: BLUE

EJECTOR TYPE

CODE	COLOR	DIM"X1" MAX.EJECTORS OPEN DISTANCE	DIM"X2" MAX.EJECTORS CLOSE DISTANCE	DIM"W" EJECTOR WIDTH	EJECTOR FIGURE
0	NATURAL	162.00	149.00	(6.42)	
1	BLACK				
3	NATURAL	153.00	143.00		
4	BLACK				

SMT TAIL PLATING

LF: 100u" MIN. MATTE TIN
TL: 100u" MIN. TIN LEAD

CONTACT AREA PLATING

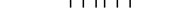
CONTACTS LUBRICATION

- 0: WITHOUT
1: WITH

CODE	CONTACT AREA	UNDERPLATING
1	15u" MIN.GOLD	50u" MIN.NICKEL
3	30u" MIN.GOLD	
4	30u" MIN.GXT	
5	15u" MIN.GXT	90u" MIN.NICKEL
6	30u" MIN.GOLD	
7	15u" MIN.GOLD	

NOTES:

1. MATERIALS:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILBER FILLED, UL94 V-0 RATED.
EJECTOR: HIGH PERFORMANCE RESINS, GLASS FILBER FILLED, UL94 V-0 RATED.
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.
7. NATURE EJECTOR NEAR PIN 1#+BLACK EJECTOR NEAR PIN 288#

spec ref		-		dr	Nickor Zuo	2013/05/30	projection 	mm 	size	A3	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Girder Liang	2020/02/19			ecn no	ELX-DG-36077-1		
ISO 406 ISO 1101				chr	-	-			rel level	Released		
				appr	Nickor Zuo	2020/02/20	product family		-			
surface  ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION			dwg no	10124677		rev G
		0.XX	±0.20									
		0.XXX	±0.10									
	angular	0°	±2°									

Mouser Electronics

Authorized Distributor

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