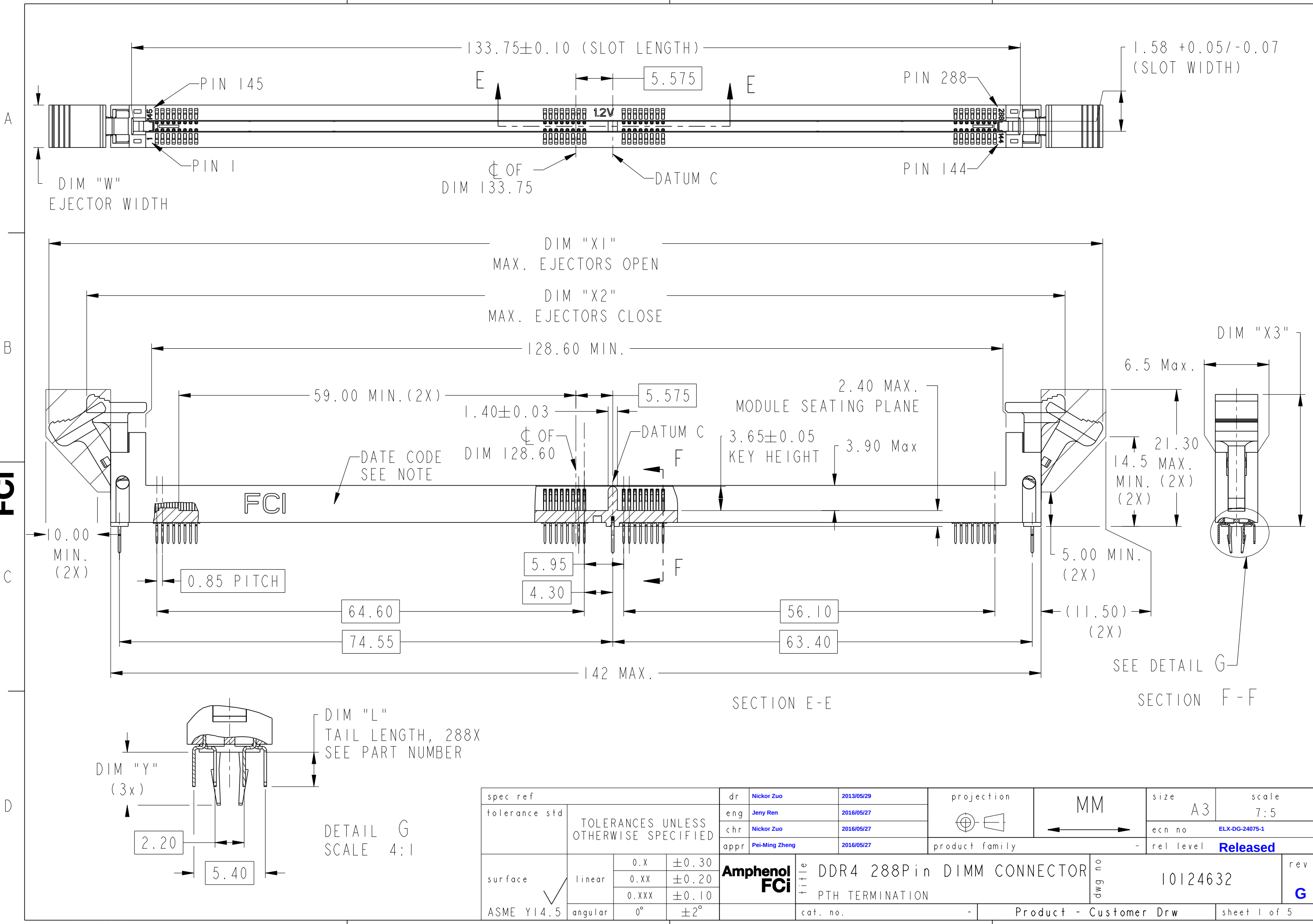
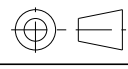




spec ref				dr		Nickor Zuo		2013/05/29		projection		MM		size		A3		scale		7:5	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Jeny Ren		2016/05/27						ecn no		ELX-DG-24075-1			
chr						Nickor Zuo		2016/05/27		rel level						Released					
appr						Pei-Ming Zheng		2016/05/27		product family						-					
surface  ASME Y14.5		linear		0.X		±0.30		Amphenol FCi		title		DDR4 288Pin DIMM CONNECTOR		dwg no		10124632		rev		G	
				0.XX		±0.20															
				0.XXX		±0.10															
		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 1 of 5					

DDR4 MODULE
MORE INFORMATION REFER TO JEDEC MO-309

A

B

C

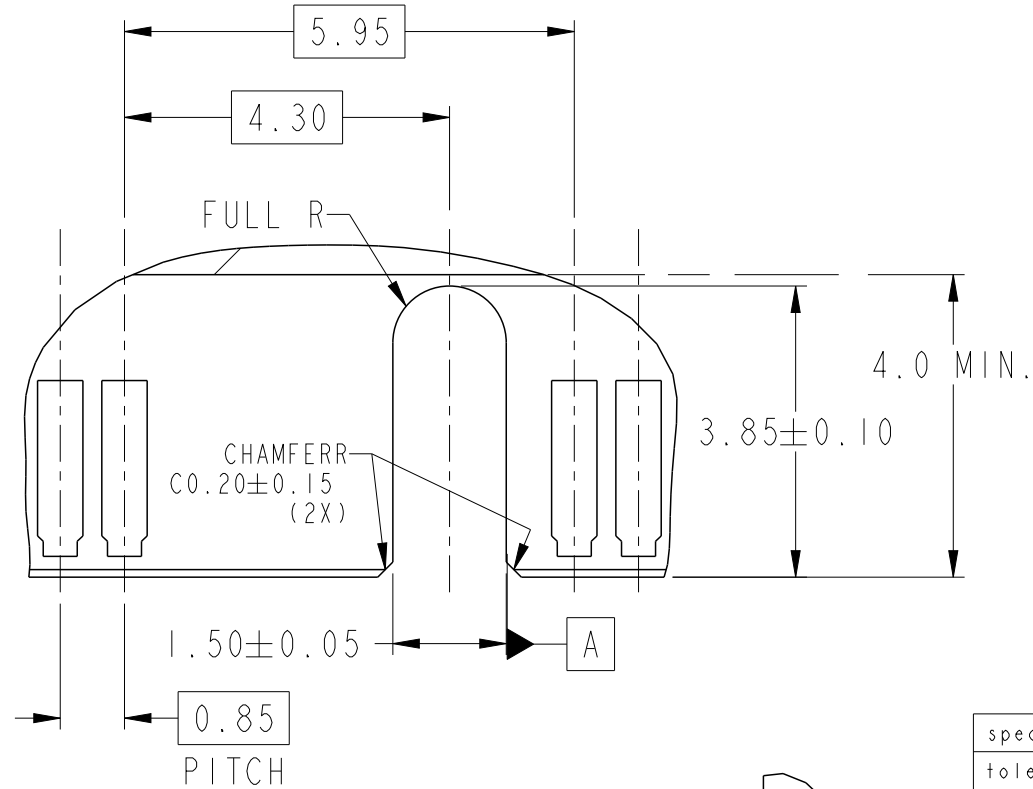
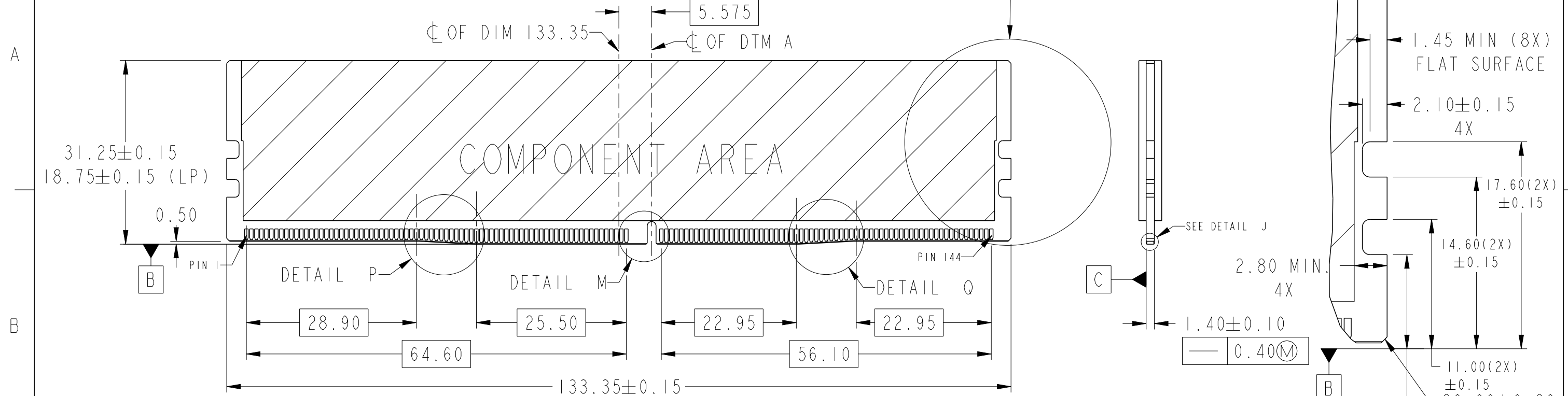
D

A

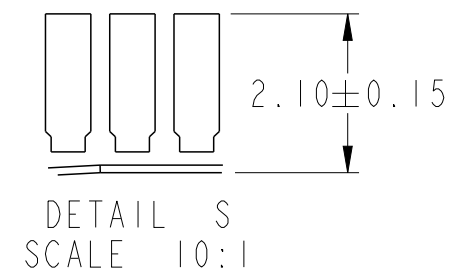
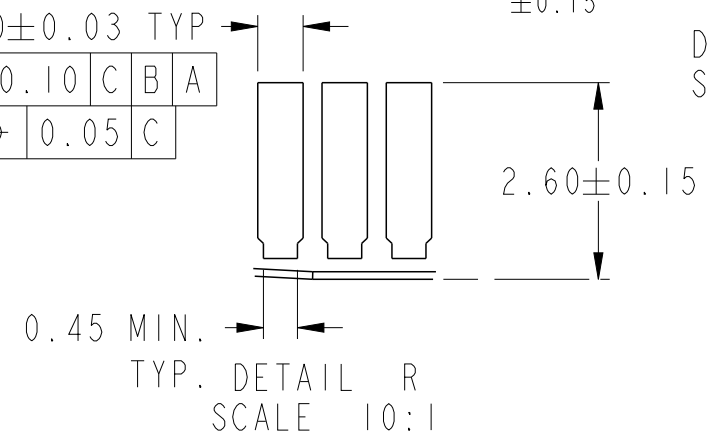
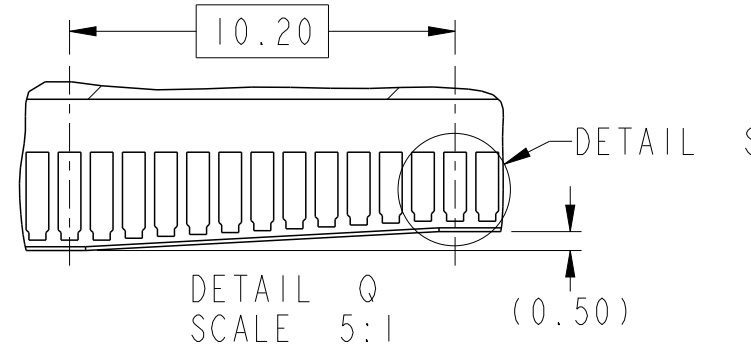
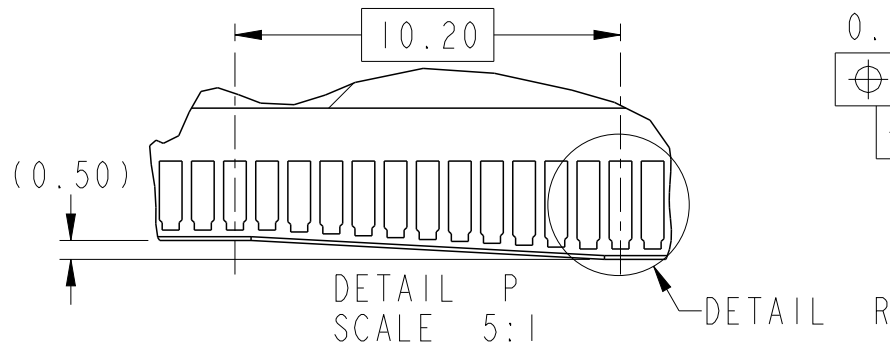
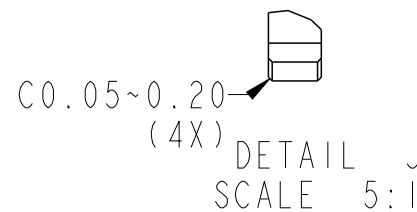
B

C

D

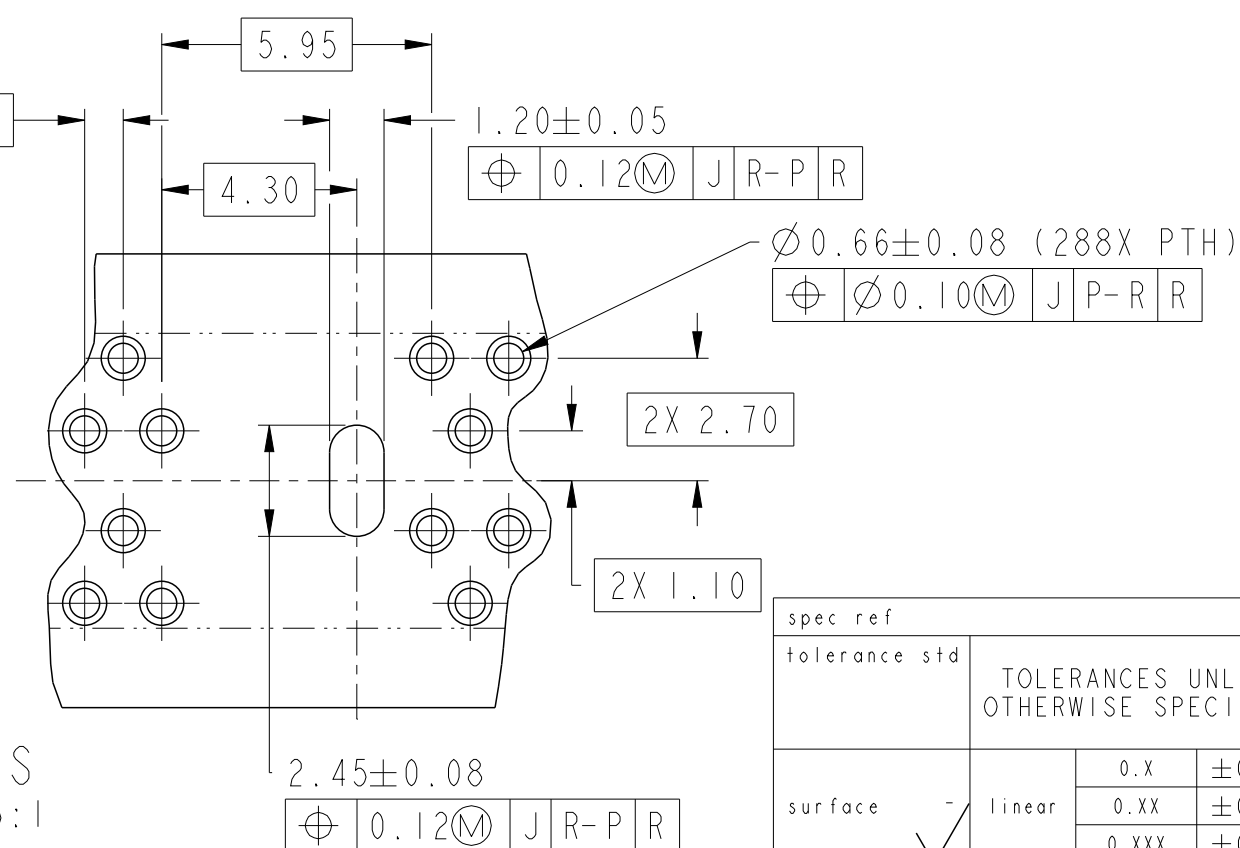
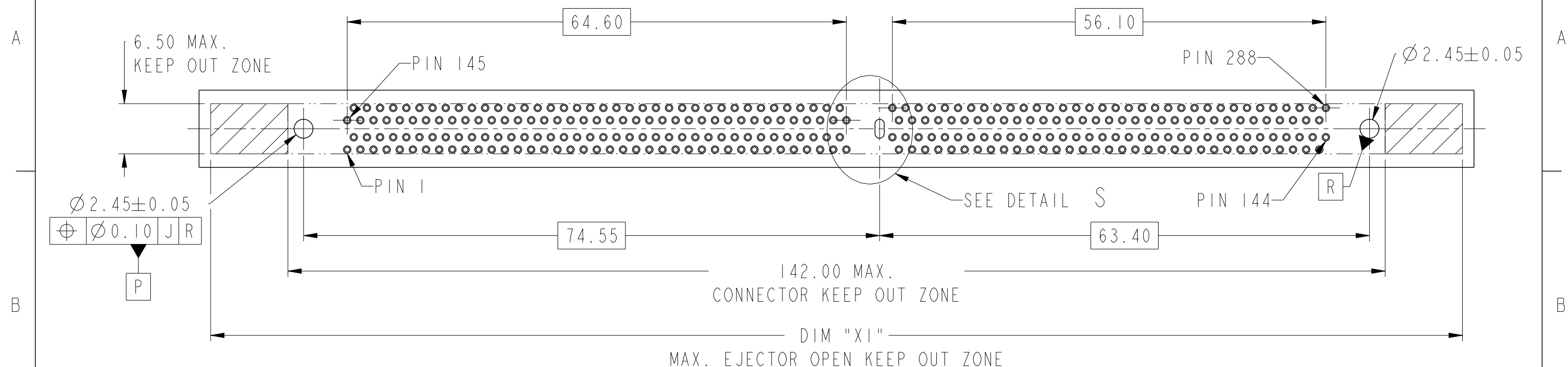


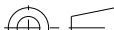
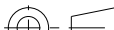
DETAIL M
SCALE 10:1



spec ref				dr	Nickor Zuo	2013/05/29	projection	MM	size	A3	scale	3:2	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2016/05/27			ecn no	ELX-DG-24075-1			
				chr	Nickor Zuo	2016/05/27							
									appr	Pei-Ming Zheng	2016/05/27	product family	
surface ASME Y14.5	linear	0.X	±0.30	Amphenol FCI	title				DDR4 288Pin DIMM CONNECTOR	dwg no	10124632	rev	G
		0.XX	±0.20										
		0.XXX	±0.10										
					cat. no.				-	Product - Customer Drw		sheet 2 of 5	

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-016



spec ref				dr	Nickor Zuo	2013/05/29	projection				MM	size	A3	scale	2:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2016/05/27			ecn no		ELX-DG-24075-1			
					chr	Nickor Zuo	2016/05/27								
					appr	Pei-Ming Zheng	2016/05/27								product family
surface	 ASME Y14.5	linear	0.X	±0.30	Amphenol FCI	title	DDR4 288Pin DIMM CONNECTOR				dwg no	10124632		rev	G
			0.XX	±0.20											
			0.XXX	±0.10											
		angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 3 of 5			

PRODUCT PART NUMBER

10124632-

ADDITIONAL REQUIREMENTS

0: RoHS COMPLIANT,SOFT TRAY PACKAGE
2: RoHS COMPLIANT,HARD TRAY PACKAGE

HOLD DOWNS CONFIGURATIONS

0: 3 FORKLOCKS,DIM "Y"=4.00±0.25
1: 3 FORKLOCKS,DIM "Y"=2.50±0.25
2 OR 3: 3 FORKLOCKS,DIM "Y"=3.78±0.25

DIM "L", TAIL LENGTH

0: 2.60±0.25
1: 3.20±0.25
3: 2.40±0.25
4: 2.10+0.25/-0.15
5: 2.95±0.25
6: 2.80±0.15

HOUSING COLOR

0: NATURAL
1: BLACK
2: BLUE
3: YELLOW

EJECTOR TYPE

CODE	COLOR	DIM"X1"	DIM"X2"	DIM"W"	DIM "X3"	EJECTOR FIGURE
0	NATURAL	162.00	149.00	(6.42)	(19.95)	
1	BLACK					
2	BLUE					
A	GREEN	152.00	142.00	(6.42)	(19.35)	
3	NATURAL					
4	BLACK					
5	BLUE	152.00	142.00	(6.42)	(19.35)	
9	GREEN					
B	NATURAL					
C	BLACK	152.00	142.00	(6.42)	(19.35)	
G	GREEN					

TAIL PLATING

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

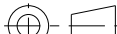
CONTACT AREA PLATING

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	
G	GOLD FLASH	

CODE	COLOR	DIM"X1"	DIM"X2"	DIM"W"	DIM "X3"	EJECTOR FIGURE
R	NATURAL	156.00	145.00	(6.42)	(19.65)	
S	BLACK					
T	GREEN					
V	BLUE	157.00	145.00	(4.00)	(19.65)	
6	NATURAL					
7	BLACK					
8	BLUE	155.00	145.00	(6.42)	(19.65)	
J	NATURAL					
K	BLACK					
M	GREEN					
U	BLUE					

spec ref				dr	Nickor Zuo	2013/05/29	projection 	MM 	size	A3	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2016/05/27			ecn no	ELX-DG-24075-1		
				chr	Nickor Zuo	2016/05/27						
				appr	Pei-Ming Zheng	2016/05/27	product family			-	rel level	Released
surface  ASME Y14.5	linear	0.X	±0.30	Amphenol FCi	title DDR4 288Pin DIMM CONNECTOR PTH TERMINATION				dwg no	10124632		rev G
		0.XX	±0.20									
		0.XXX	±0.10									
ASME Y14.5		angular	0° ±2°		cat. no.			-	Product - Customer Drw			sheet 4 of 5

PRODUCT PART NUMBER

10124632-

ADDITIONAL REQUIREMENTS

1: HALOGEN FREE COMPLIANT,SOFT TRAY PACKAGE
3: HALOGEN FREE COMPLIANT,HARD TRAY PACKAGE

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

DIM "L", TAIL LENGTH

0: 2.60±0.25
1: 3.20±0.25
3: 2.40±0.25
4: 2.10+0.25/-0.15
5: 2.95±0.25
6: 2.80±0.15

HOUSING COLOR

0: NATURAL
1: BLACK

EJECTOR TYPE

CODE	COLOR	DIM"X1"	DIM"X2"	DIM"W"	DIM"X3"	EJECTOR FIGURE
0	NATURAL	162.00	149.00	(6.42)	(19.95)	
1	BLACK					
3	NATURAL	152.00	142.00	(6.42)	(19.35)	
4	BLACK					

TAIL PLATING

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

CONTACT AREA PLATING

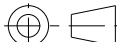
CODE	CONTACT AREA	UNDERPLATING
1	15u" MIN.GOLD	50u" MIN.NICKEL
3	30u" MIN.GOLD	
4	30u" MIN.GXT	
5	15u" MIN.GXT	90u" MIN.NICKEL
6	30u" MIN.GOLD	
7	15u" MIN.GOLD	
G	GOLD FLASH	

CONTACTS LUBRICATION

0: WITHOUT
1: WITH

NOTES:

- 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
- DATE CODE"MMDDYYL",MMDDYY IS ASSEMBLY DATE,
L IS FCI PRODUCTION LINE.
- SPECIFICATION:
PRODUCTION SPECIFICATION: FCI GS-12-1092.
PACKAGE SPECIFICATION: FCI GS-14-2267.
APPLICATION SPECIFICATION: FCI GS-20-0353.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN FCI GS-22-008.
- THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10
SECONDS IN WAVE SOLDERING APPLICATION.
- A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION

spec ref				dr	Nickor Zuo	2013/05/29	projection 		size	A3	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2016/05/27			ecn no	ELX-DG-24075-1				
				chr	Nickor Zuo	2016/05/27								
				appr	Pei-Ming Zheng	2016/05/27							product family	
surface  ASME Y14.5	linear	0.X	±0.30		title DDR4 288Pin DIMM CONNECTOR PTH TERMINATION				dwg no	10124632		rev G		
		0.XX	±0.20											
		0.XXX	±0.10											
ASME Y14.5				angular	0°	±2°	cat. no.		-	Product - Customer Drw			sheet 5 of 5	

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

<u>10124632-0030001LF</u>	<u>10124632-0210001LF</u>	<u>10124632-0002001LF</u>	<u>10124632-0011001LF</u>	<u>10124632-0001003LF</u>
<u>10124632-0002206LF</u>	<u>10124632-0132003LF</u>	<u>10124632-0061001LF</u>	<u>10124632-0011116LF</u>	<u>10124632-0011111LF</u>
<u>10124632-0132001LF</u>	<u>10124632-0202003LF</u>	<u>10124632-0060003LF</u>	<u>10124632-0231601LF</u>	<u>10124632-0061103LF</u>
<u>10124632-0211003LF</u>	<u>10124632-0261007LF</u>	<u>10124632-0201M03LF</u>	<u>10124632-0262007LF</u>	<u>10124632-0232603LF</u>
<u>10124632-0201007LF</u>	<u>10124632-0201J03LF</u>	<u>10124632-0131411LF</u>	<u>10124632-0211B03LF</u>	<u>10124632-0211013LF</u>
<u>10124632-0242003LF</u>	<u>10124632-0052201LF</u>	<u>10124632-0202007LF</u>	<u>10124632-0040011LF</u>	<u>10124632-0201K03LF</u>
<u>10124632-0001301LF</u>	<u>10124632-0202607LF</u>	<u>10124632-0201607LF</u>	<u>10124632-0051101LF</u>	<u>10124632-0030011LF</u>
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