

A



B



SECTION F - F

C



D

spec ref				dr	Jeny Ren	2017/09/06	projection		MM		size	A3	scale	7:5			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Winston Zhu	2020/05/04					ecn no	ELX-DG-36885-1					
				chr	-	-					rel level	Released					
				appr	Nickor Zuo	2020/05/04	product family			-							
surface		linear	0.X	±0.30	Amphenol FCI	title				DDR4 288Pin DIMM CONNECTOR				dwg no	10145226		rev
			0.XX	±0.20													
			0.XXX	±0.10													
ASME Y14.5		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

CL OF DIM 133.35
CL OF DTM A

5.575

SEE DETAIL N

COMPONENT AREA

31.25±0.15
18.75±0.15 (LP)

0.50

PIN 1

DETAIL P

DETAIL M

DETAIL Q

PIN 144

28.90

25.50

22.95

22.95

64.60

56.10

133.35±0.15

2.50 MIN.
4X

1.45 MIN (8X)
FLAT SURFACE

2.10±0.15
4X

17.60(2X)
±0.15

14.60(2X)
±0.15

11.00(2X)
±0.15

0.60±0.20
(2X)

8.00(2X)
±0.15

DETAIL N
SCALE 3:1

2.80 MIN.
4X

1.40±0.10
0.40(M)

SEE DETAIL J

0.60±0.03 TYP
0.10 C B A
0.05 C

2.60±0.15

0.45 MIN.
TYP. DETAIL R
SCALE 10:1

2.10±0.15

DETAIL S
SCALE 10:1

FULL R

5.95

4.30

CHAMFERR
C0.20±0.15
(2X)

4.0 MIN.

3.85±0.10

1.50±0.05

A

0.85

PITCH

DETAIL M
SCALE 10:1

C0.05~0.20
(4X)
DETAIL J
SCALE 5:1

10.20
(0.50)
DETAIL P
SCALE 5:1

DETAIL R

10.20
(0.50)
DETAIL Q
SCALE 5:1

DETAIL S

spec ref			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	
surface	linear	0.X	±0.30
		0.XX	±0.20
		0.XXX	±0.10
ASME Y14.5	angular	0°	±2°

dr	Jeny Ren	2017/09/06
eng	Winston Zhu	2020/05/04
chr	-	-
appr	Nickor Zuo	2020/05/04

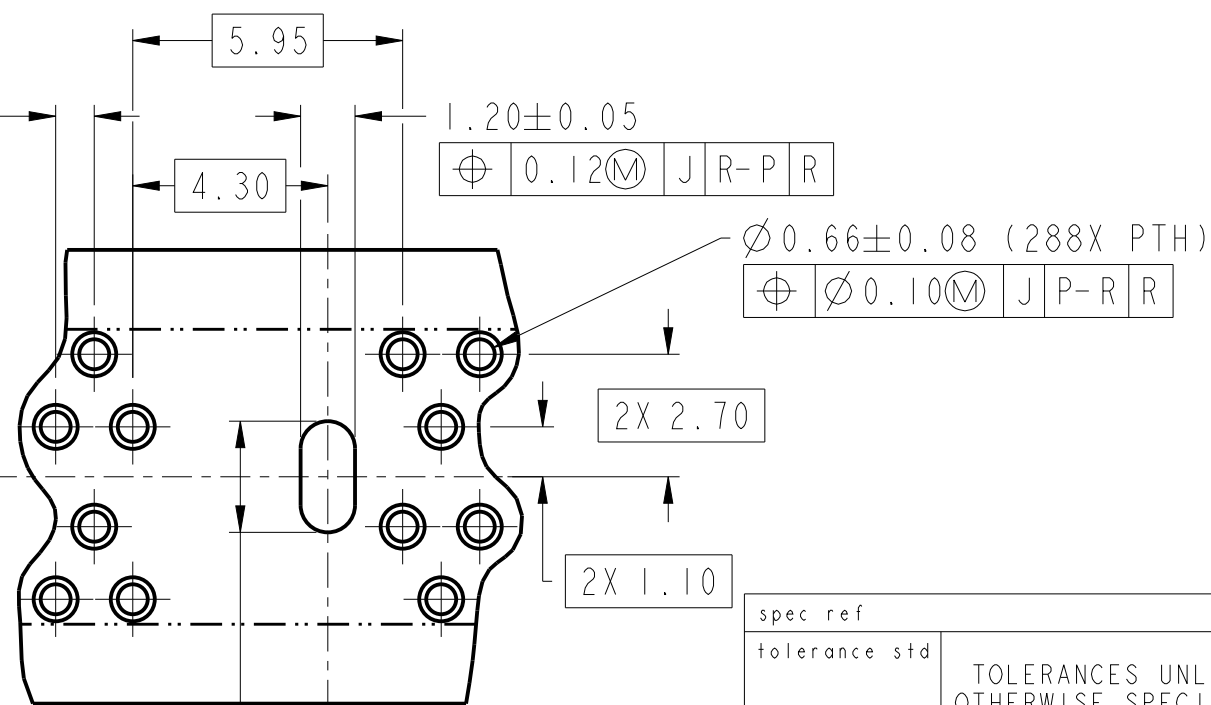
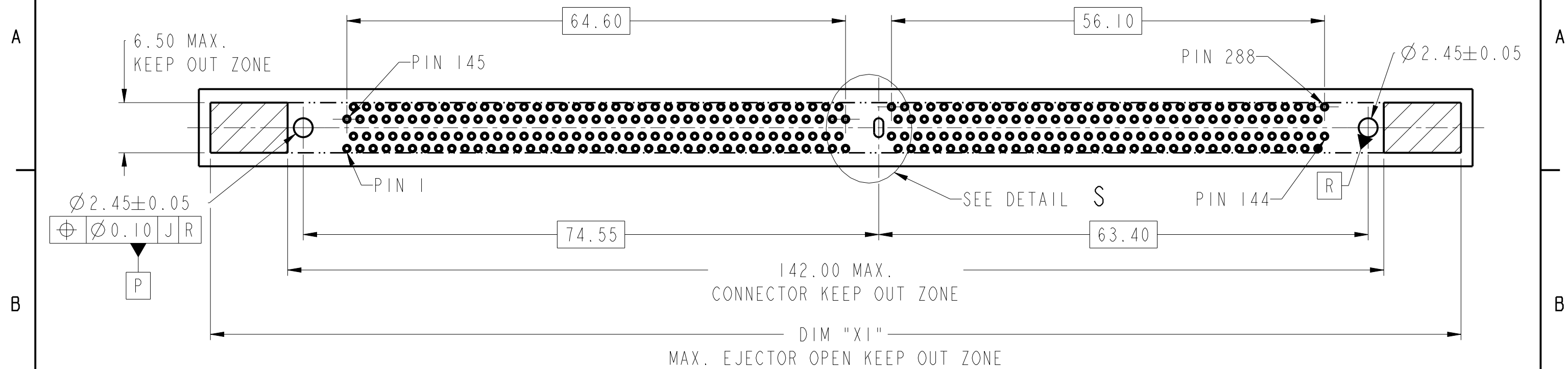
Amphenol
FCi

DDR4 288Pin DIMM CONNECTOR
PTH TERMINATION

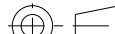
projection	MM	size	A3	scale	3:2
		ecn no	ELX-DG-36885-1		
		rel level	Released		

product family	-	rel level	Released
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cat. no.	-	Product - Customer Drw	sheet 2 of 5
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DETAIL S
SCALE 6:1

spec ref				dr	Jeny Ren	2017/09/06	projection 	MM 	size	A3	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Winston Zhu	2020/05/04			ecn no	ELX-DG-36885-1		
				chr	-	-			rel level	Released		
				appr	Nickor Zuo	2020/05/04						product family
surface -  ASME Y14.5	linear	0.X	±0.30	Amphenol FCi	title DDR4 288Pin DIMM CONNECTOR PTH TERMINATION	dwg no 10145226	rev E					
		0.XX	±0.20									
		0.XXX	±0.10									
	angular	0°	±2°					cat. no.	-	Product - Customer Drw		sheet 3 of 5

PRODUCT PART NUMBER

10145226-□□□□□□□□

ADDITIONAL REQUIREMENTS

0: ERGONOMICS TYPE

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

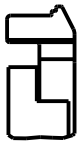
DIM "L", TAIL LENGTH

0: 2.60±0.25
1: 3.20±0.25
3: 2.40±0.25
4: 2.10±0.25
5: 2.95±0.25
6: 2.80±0.25

HOUSING COLOR

0: NATURAL
1: BLACK
2: BLUE

EJECTOR TYPE

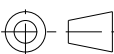
CODE	COLOR	DIM"X1"	DIM"X2"	LATCH FIGURE
N	NATURAL	158.00	146.00	
P	BLACK			
Q	GREEN			
J	NATURAL			
K	BLACK	152.00	142.00	
3	NATURAL			
4	BLACK			
5	GREEN			

CONTACT AREA PLATING

CODE	CONTACT AREA	UNDERPLATING
11LF	15u" MIN.GOLD	50u" MIN.NICKEL
13LF	30u" MIN.GOLD	

NOTES:

1. MATERIALS:
HOUSING: HIGH PERFROMANCE RESINS, GLASS FILBER FILLED, UL94 V-0 RATED.
EJECTOR: HIGH PERFROMANCE RESINS, GLASS FILBER FILLED, UL94 V-0 RATED.
TERMINAL: COPPER ALLOY
FORKLOCK: COPPER ALLOY
2. DATE CODE"MMDDYYL",MMDDYY IS ASSEMBLY DATE,
L IS FCI PRODUCTION LINE.
3. SPECIFICATION:
PRODUCTION SPECIFICATION: FCI GS-12-1092.
PACKAGE SPECIFICATION: FCI GS-14-2267.
APPLICATION SPECIFICATION: FCI GS-20-0353.
4. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN FCI GS-22-008.
5. THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10
SECONDS IN WAVE SOLDERING APPLICATION.

spec ref				dr	Jeny Ren	2017/09/06	projection 	MM 	size	A3	scale	4:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Winston Zhu	2020/05/04			ecn no ELX-DG-36885-1						
				chr	-	-			rel level Released						
				appr	Nickor Zuo	2020/05/04	product family								
surface  ASME Y14.5	linear	0.X	±0.30	Amphenol FCI	title	DDR4 288Pin DIMM CONNECTOR				dwg no	10145226		rev E		
		0.XX	±0.20											PTH TERMINATION	
		0.XXX	±0.10												
	angular	0°	±2°					cat. no.						Product - Customer Drw	

PRODUCT PART NUMBER

10145226-

ADDITIONAL REQUIREMENTS

1: SPECIAL HIGH TEMPERATURE RESIN

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

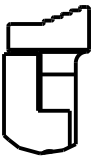
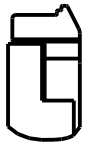
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1: 3.20±0.25
3: 2.40±0.25
4: 2.10±0.25
5: 2.95±0.25
6: 2.80±0.25

HOUSING COLOR

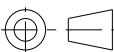
0: NATURAL
1: BLACK
2: BLUE

EJECTOR TYPE

CODE	COLOR	DIM"X1"	DIM"X2"	LATCH FIGURE
N	NATURAL	158.00	146.00	
P	BLACK			
Q	GREEN			
3	NATURAL	152.00	142.00	
4	BLACK			
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CONTACT AREA PLATING

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11LF	15u" MIN.GOLD	50u" MIN.NICKEL
13LF	30u" MIN.GOLD	

spec ref				dr	Jeny Ren	2017/09/06	projection 	MM 	size	A3	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Winston Zhu	2020/05/04			ecn no				ELX-DG-36885-1	
				chr	-	-			rel level				Released	
				appr	Nickor Zuo	2020/05/04			product family				-	
surface  ASME Y14.5	linear	0.X	±0.30	Amphenol FCI	title	DDR4 288Pin DIMM CONNECTOR				dwg no	10145226		rev	E
		0.XX	±0.20											
		0.XXX	±0.10											
			angular	0°	±2°	cat. no.		-	Product - Customer Drw				sheet 5 of 5	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10145226-0002311LF](#) [10145226-0202N11LF](#)