



Copyright FCI.

D

C

B

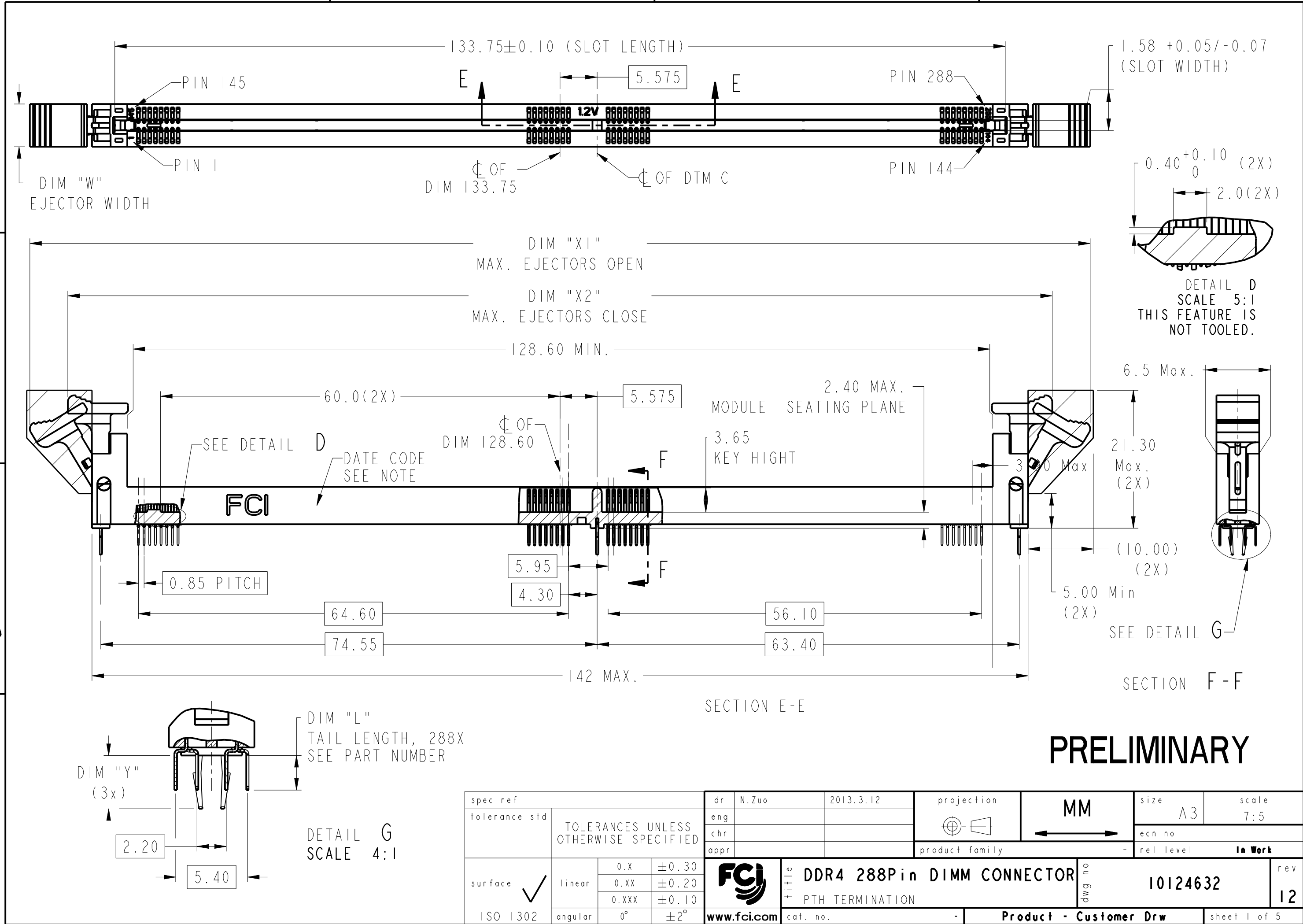
A

D

C

B

A



DDR4 MODULE
MORE INFORMATION REFER TO JEDEX MO-309

A

B

C

D

A

B

C

D

CL OF DIM 133.35

5.575

CL OF DTM A

SEE DETAIL L

COMPONENT AREA

31.25±0.15 (LP)
18.75±0.15 (VLP)

0.50

PIN 1

DETAIL H

DETAIL J

PIN 77

PIN 78

PIN 144

DETAIL K

28.90

25.50

22.95

22.95

64.60

56.10

133.35±0.15

⊕ 0.1 M C B A

2.50 MIN.
2X

CHAMFER 4X
0.6X45°
OPTIONAL

1.45 MIN (2X)
FLAT SURFACE

2.10±0.15
2X

17.60

14.60

11.00

8.00

2.80 MIN.
2X

DETAIL L
SCALE 3:1

C

B

0.60±0.03 TYP

⊕ 0.10 B A
⊕ 0.05

0.20 MAX.

2.60±0.15

0.45 MIN.

0.27 MAX.

0.28^{+0.07}_{-0.08}

DETAIL M
SCALE 10:1

FULL R

5.95

4.30

3.85±0.10

4.0 MIN.

CHAMFER
0.20X45°
(2X)

0.85
PITCH

A

1.50±0.05

DETAIL J
SCALE 10:1

PIN 34
(0.50)

10.20

PIN 46

DETAIL H
SCALE 5:1

DETAIL M

PIN 104

10.20

PIN 116

DETAIL K
SCALE 5:1

DETAIL N

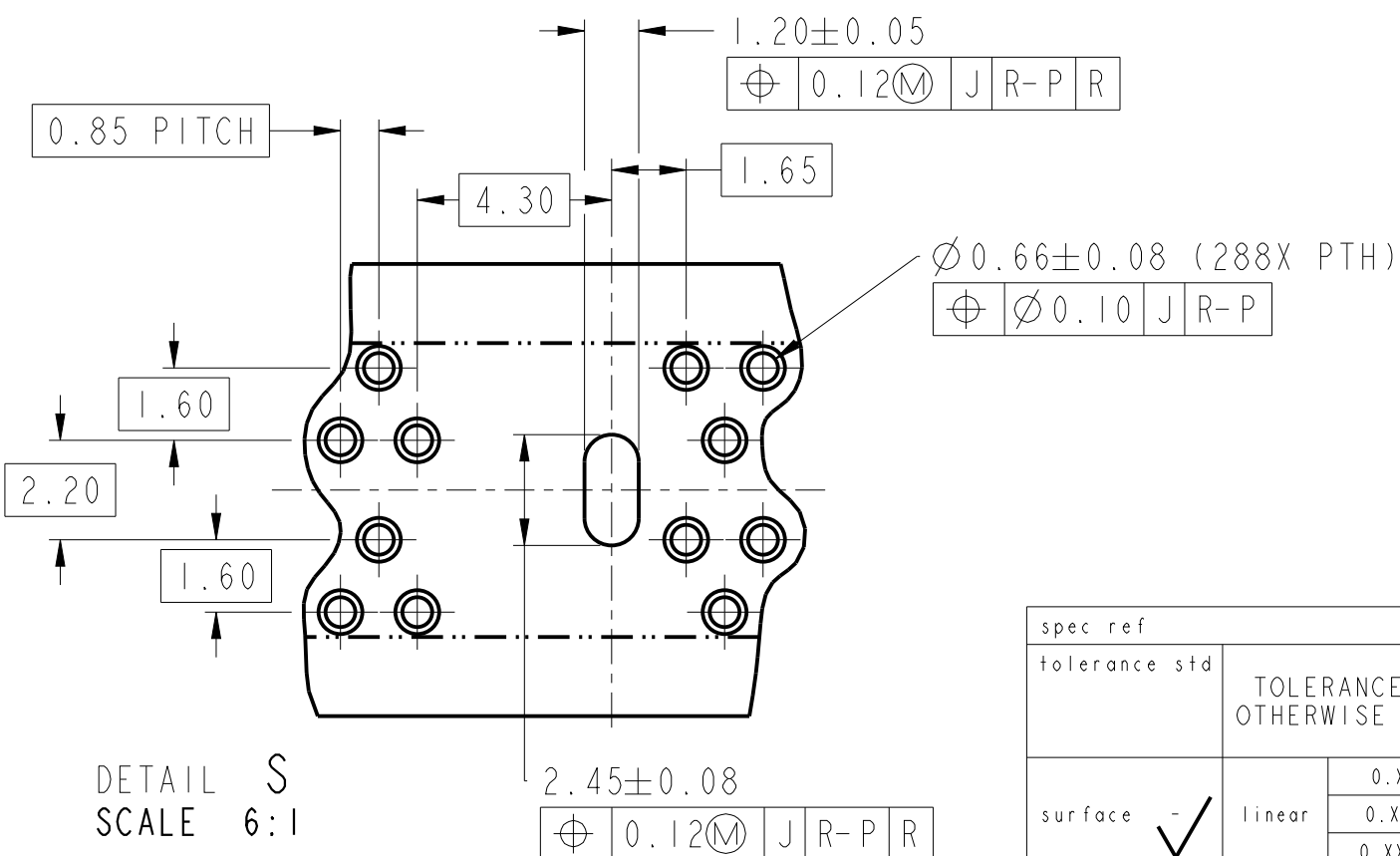
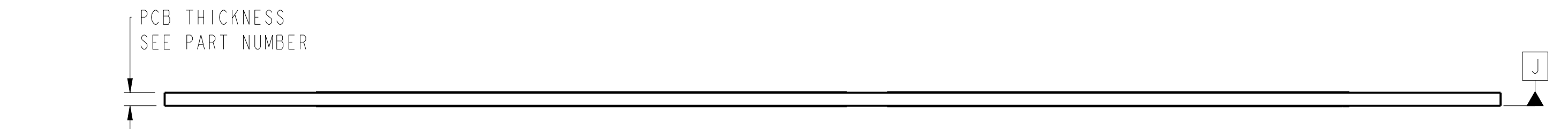
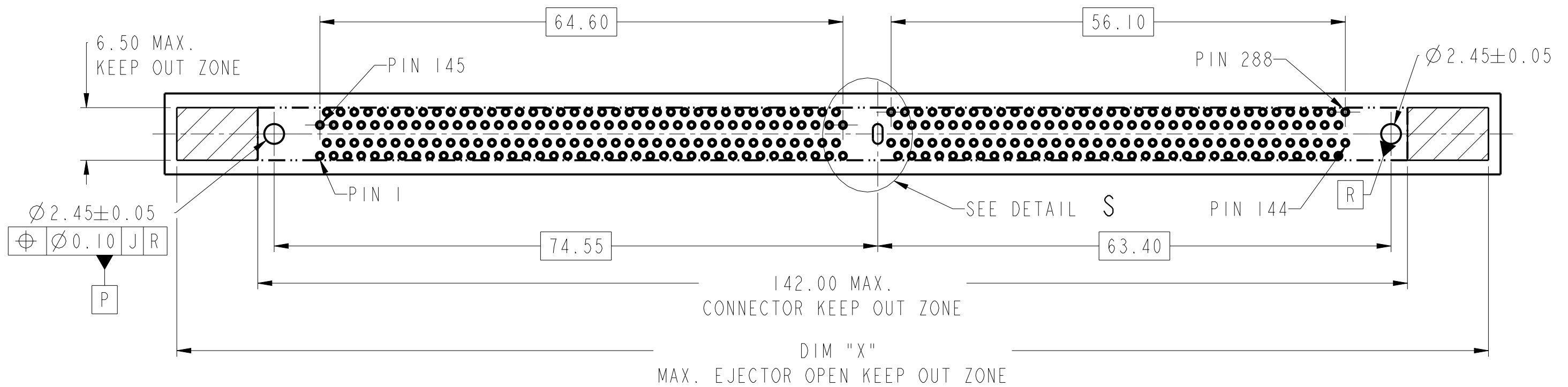
(0.50)

2.10±0.15

DETAIL N
SCALE 10:1

spec ref	dr	N.Zuo	2013.3.12	projection	MM	size	A3	scale	1:1
tolerance std	eng			⊕		ecn no			
	chr					rel level		In Work	
	appr			product family					
surface	linear	0.X	±0.30	FCI	DDR4 288Pin DIMM CONNECTOR	dwg no	10124632	rev	12
		0.XX	±0.20		PTH TERMINATION				
		0.XXX	±0.10						
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.		Product - Customer Drw	sheet 2 of 5	

RECOMMENDED PCB LAYOUT OPTION1



spec ref				dr	N.Zuo	2013.3.12	projection		MM		size	A3	scale	2:1		
TOLERANCES UNLESS OTHERWISE SPECIFIED				tolerance std		eng						ecn no				
				chr												
				appr				product family						-	rel level	
surface  ISO 1302		linear		0.X	±0.30				title DDR4 288Pin DIMM CONNECTOR PTH TERMINATION				dwg no 10124632		rev 12	
				0.XX	±0.20											
				0.XXX	±0.10											
		angular		0°	±2°		www.fci.com		cat. no.		-	Product - Customer Drw			sheet 3 of 5	

A



C



A

D

C

D

PRODUCT PART NUMBER

10124632-□□□□□□□□

ADDITIONAL REQUIREMENTS

0: RoHS COMPLIANT
1: HALOGEN FREE COMPLIANT(NATURAL/BLACK COLOR ONLY)

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

HOUSING COLOR

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

EJECTOR TYPE

TAIL PLATING

LF: 100u" MIN. MATE 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
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.

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				
2	BLUE				
A	GREEN(375C)				
3	NATURAL	152.00	142.00	(6.42)	
4	BLACK				
5	BLUE				
9	GREEN(375C)				
6	NATURAL	157.00	145.00	(4.00)	
7	BLACK				
8	BLUE				

dr	N.Zuo	2013.3.12	projection			size	A3	scale	1:1
eng			ecn no						
chr									
appr			product family		-	rel level		In Work	
			title			DDR4 288Pin DIMM CONNECTOR			rev
			PTH TERMINATION			10124632			12
www.fci.com			cat. no.		-	Product - Customer Drw			sheet 5 of 5

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[10124632-0241N03LF](#) [10124632-0241P03LF](#) [10124632-0201P03LF](#) [10124632-0201N03LF](#) [10124632-0201Q03LF](#)