

A

B

C

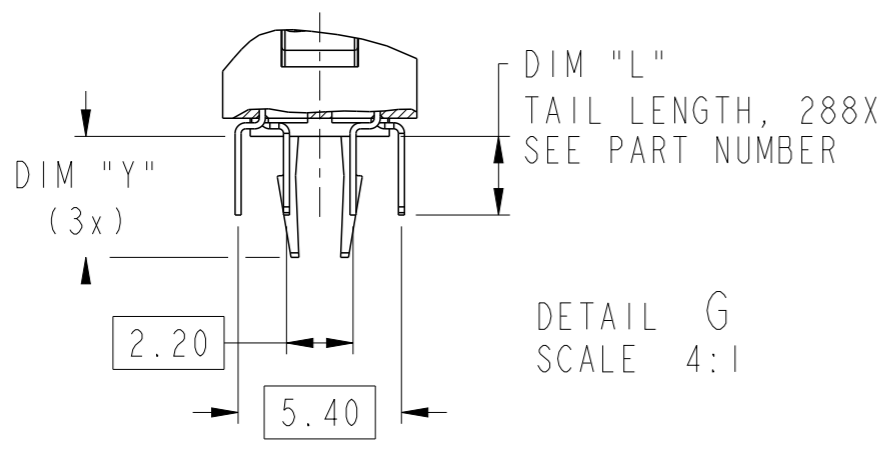
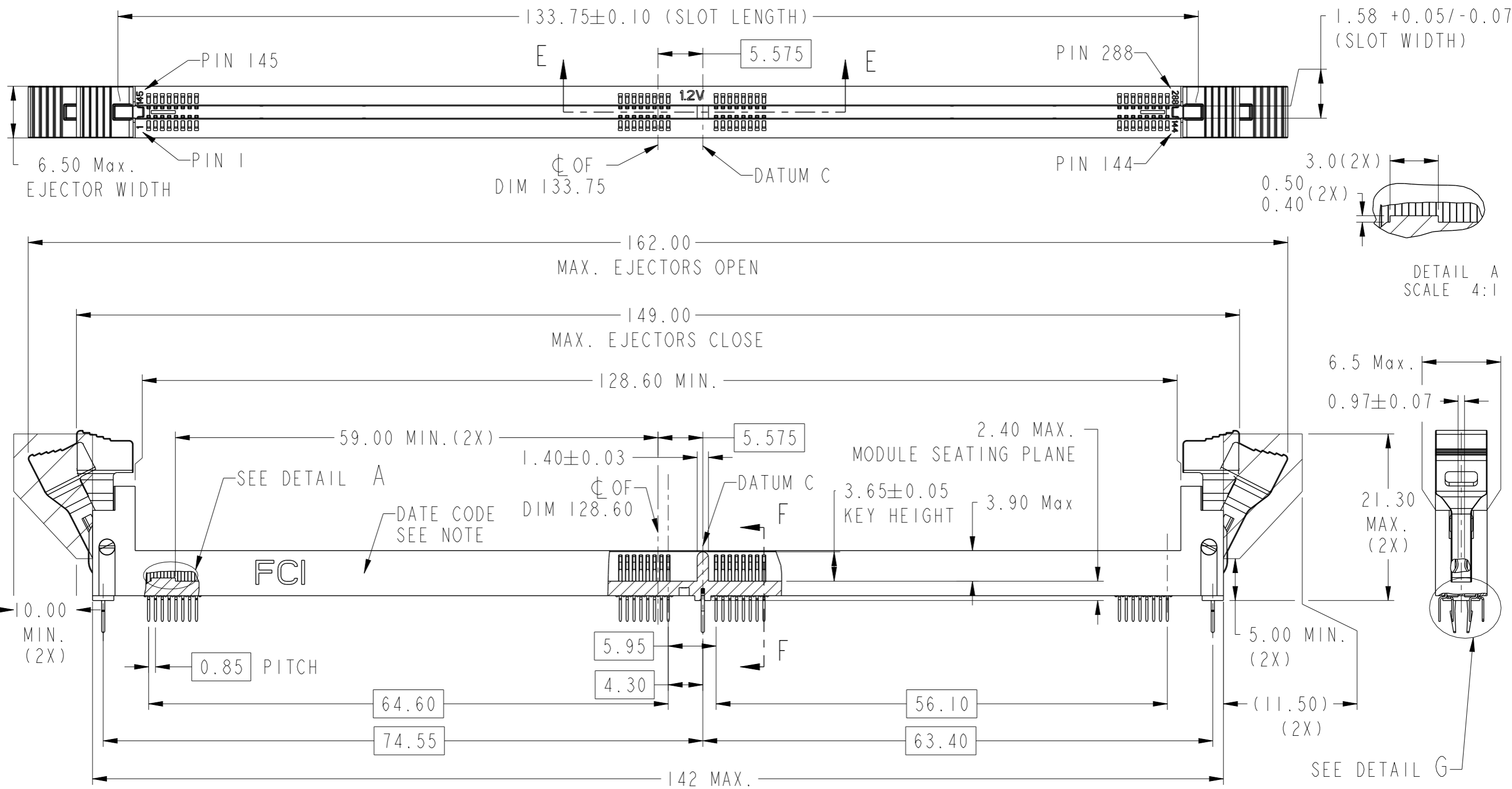
D

A

B

C

D



spec ref	dr	Jeny Ren	2018/07/03	projection	MM	size	A3	scale	7:5
tolerance std	eng	Jeny Ren	2018/07/11	chr	-	ecn no	-	rel level	Released
	appr	Nickor Zuo	2018/07/11	product family	-	rel level	Released		
surface	linear	0.X	±0.30	Amphenol FCI	DDR4 288Pin DIMM CONNECTOR	dwg no	10148278	rev	A
		0.XX	±0.20		PTH TERMINATION				
		0.XXX	±0.10						
ASME Y14.5	angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 1 of 4		

DDR4 MODULE  
MORE INFORMATION REFER TO JEDEC MO-309

A

B

C

D

A

B

C

D

COMPONENT AREA

SEE DETAIL N

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  
C0.60±0.20  
(2X)

DETAIL N  
SCALE 3:1

8.00(2X)  
±0.15

2.80 MIN.  
4X

0.40(M)

SEE DETAIL J

1.40±0.10

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

CL OF DIM 133.35  
CL OF DTM A

5.575

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

10.20

(0.50)

DETAIL P  
SCALE 5:1

DETAIL R

10.20

DETAIL S

DETAIL Q  
SCALE 5:1

(0.50)

5.95

4.30

FULL R

4.0 MIN.

3.85±0.10

CHAMFERR  
C0.20±0.15  
(2X)

1.50±0.05

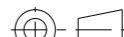


A

0.85

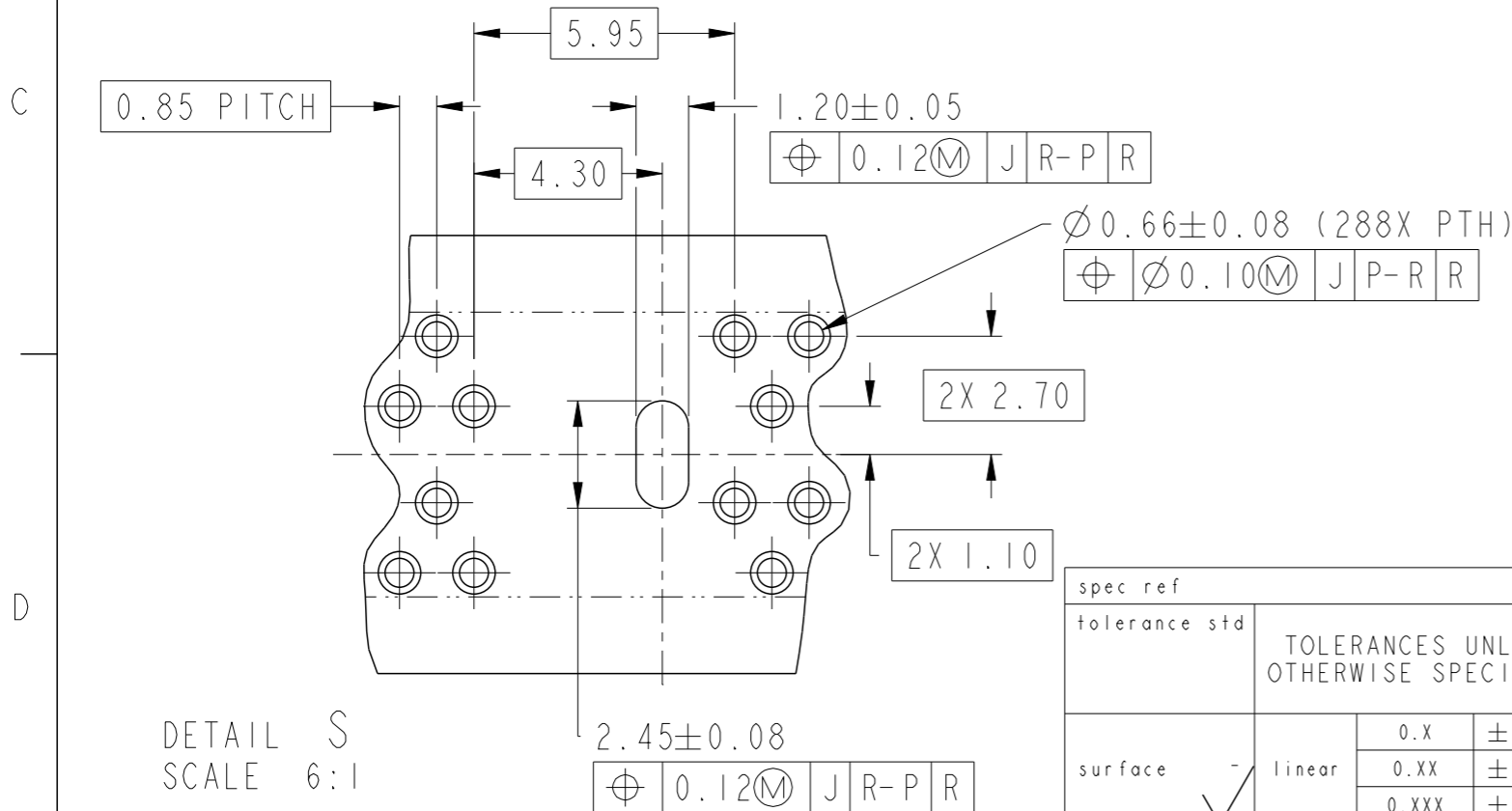
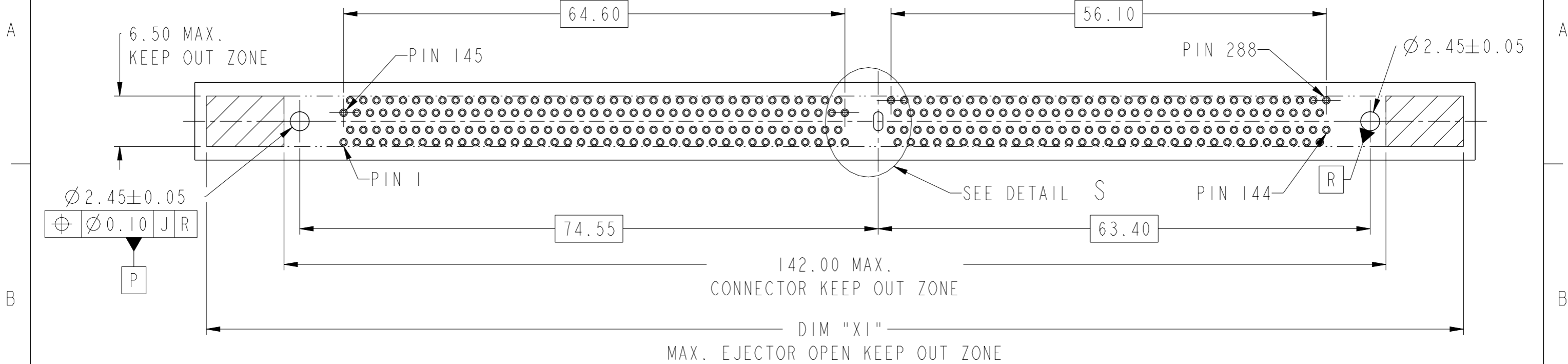
PITCH

DETAIL M  
SCALE 10:1

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

spec ref				dr	Jeny Ren	2018/07/03	<div>projection</div> <div></div> <div>MM</div> <div></div>	size	A3	scale	3:2
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2018/07/11		ecn no	-		
				chr	-	-					
				appr	Nickor Zuo	2018/07/11		product family		-	rel level
<div>surface</div> <div></div> <div>ASME Y14.5</div>	linear	0.X	±0.30	Amphenol FCi	title DDR4 288Pin DIMM CONNECTOR PTH TERMINATION			dwg no	10148278		rev A
		0.XX	±0.20								
		0.XXX	±0.10								
	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 2 of 4		

RECOMMENDED PCB LAYOUT  
MORE INFORMATION REFER TO JEDEC SO-016



spec ref				dr		Jeny Ren	2018/07/03		projection		MM		size		A3	scale		2:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Jeny Ren	2018/07/11						ecn no				-				
chr						-		-															
appr						Nickor Zuo		2018/07/11		product family					-				rel level		Released		
surface		linear	0.X		±0.30		Amphenol FCI		title		DDR4 288Pin DIMM CONNECTOR						dwg no		10148278		rev		A
ASME Y14.5			0.XX		±0.20																		
			0.XXX		±0.10																		
		angular	0°		±2°				cat. no.		-		Product - Customer Drw						sheet 3 of 4				

PRODUCT PART NUMBER

10148278-

ADDITIONAL REQUIREMENTS

0: RoHS COMPLIANT

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

HOUSING COLOR

0: NATURAL  
1: BLACK  
2: BLUE

EJECTOR COLOR

0: NATURAL  
1: BLACK  
2: BLUE

CONTACT AREA PLATING

CODE	CONTACT AREA	UNDERPLATING
07LF	15u" MIN.GOLD	90u" MIN.NICKEL
06LF	30u" 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.
6. INSERTION FORCE REFERENCE:106.8 NEWTONS MAX.USING 1.50MM THICKNESS STEEL GAUGE  
PER JEDEC STANDARD.

spec ref				dr		Jeny Ren	2018/07/03		projection		MM		size		A3		scale		4:1						
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Jeny Ren	2018/07/11						ecn no -										
						chr		-	-																
								appr		Nickor Zuo		2018/07/11		product family						rel level Released					
surface 		linear		0.X		±0.30		Amphenol FCI		title		DDR4 288Pin DIMM CONNECTOR		dwg no		10148278		rev		A					
																						0.XX		±0.20	
																						0.XXX		±0.10	
ASME Y14.5		angular		0°		±2°				cat. no.		Product - Customer Drw						sheet 4 of 4							