

A

B

C

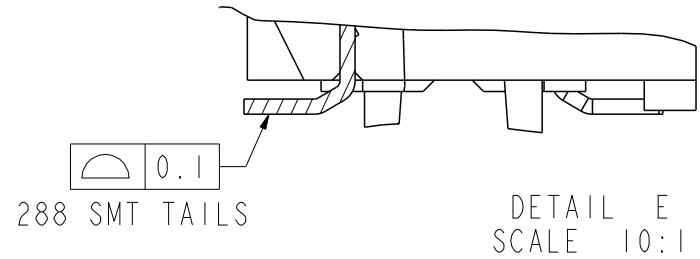
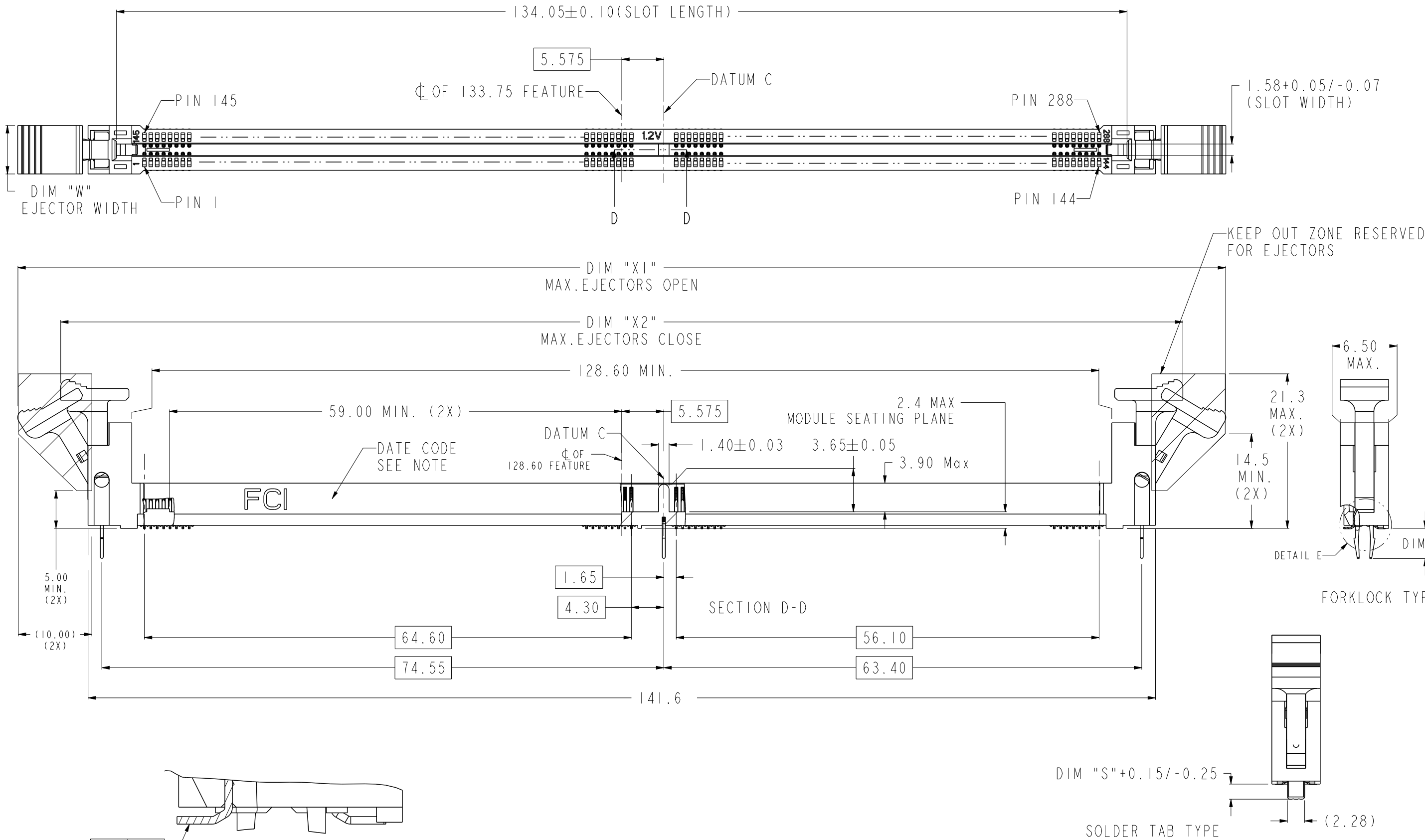
D

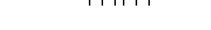
A

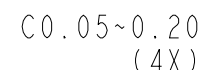
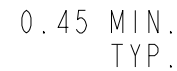
B

C

D



spec ref -				dr Nickor Zuo		2013/05/30		projection 	mm 	size A3	scale 1:1		
tolerance std				eng Girder Liang		2020/02/19				ecn no ELX-DG-36077-1			
ISO 406 ISO 1101				chr -		-							
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Nickor Zuo		2020/02/20		product family -		rel level Released			
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°										



1011

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-017

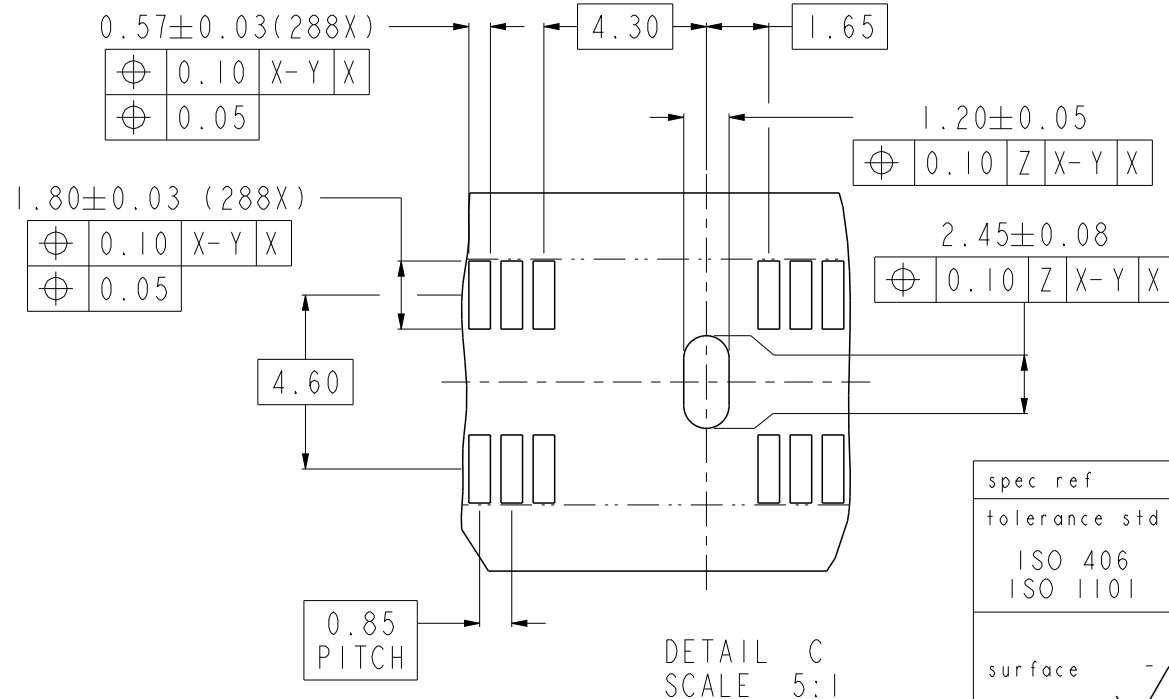
6.50 MAX.
KEEP OUT ZONE

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	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									
ISO 406								product family -							
ISO 1101															
surface	linear	0.X		±0.30		Amphenol FCi	title	DDR4 288 PIN DIMM CONNECTOR				dwg no	10124677		rev
		0.XX		±0.20											
		0.XXX		±0.10				SMT TERMINATION							
	angular		0°		±2°			cat. no. -		Product - Customer Drw				sheet 3 of 5	
ISO 1302															

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

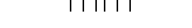
- 0: WITHOUT
1: WITH

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				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		title DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION			dwg no 10124677	rev G
		0.XX	±0.20						
		0.XXX	±0.10						
	angular	0°	±2°						

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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