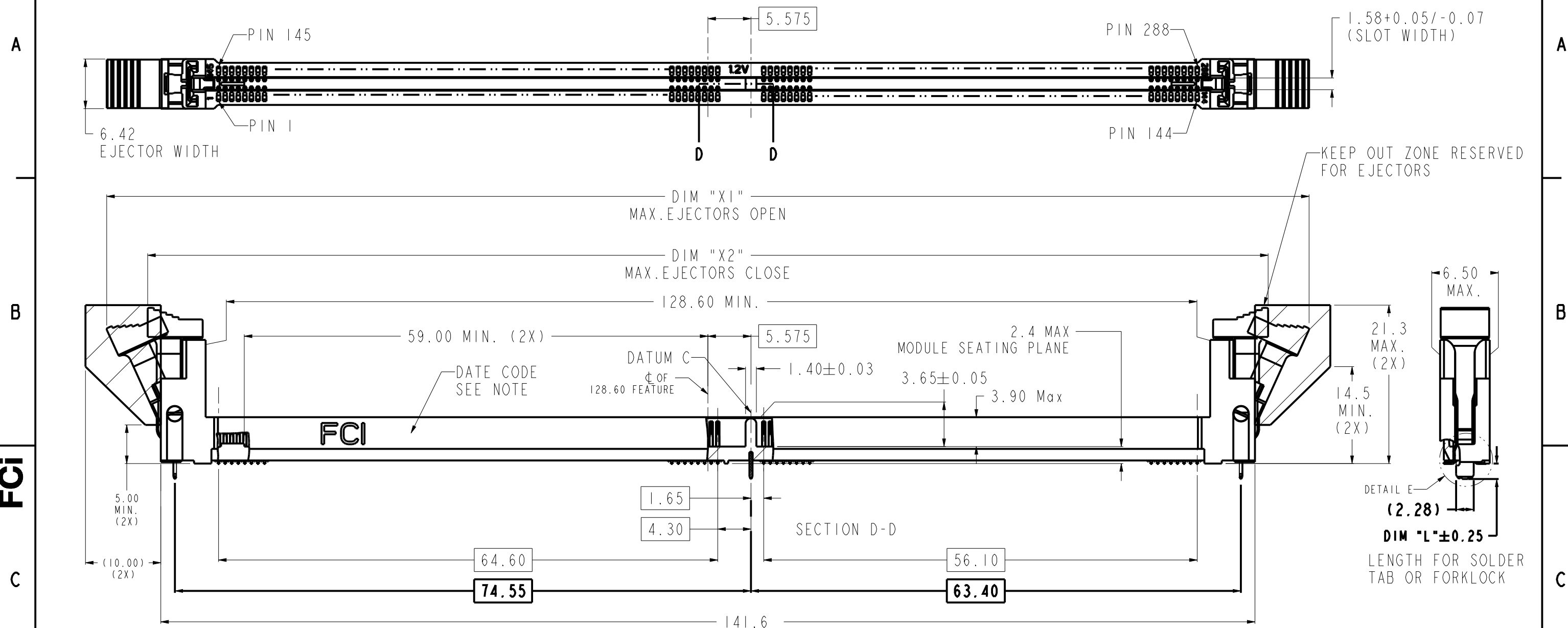
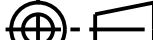
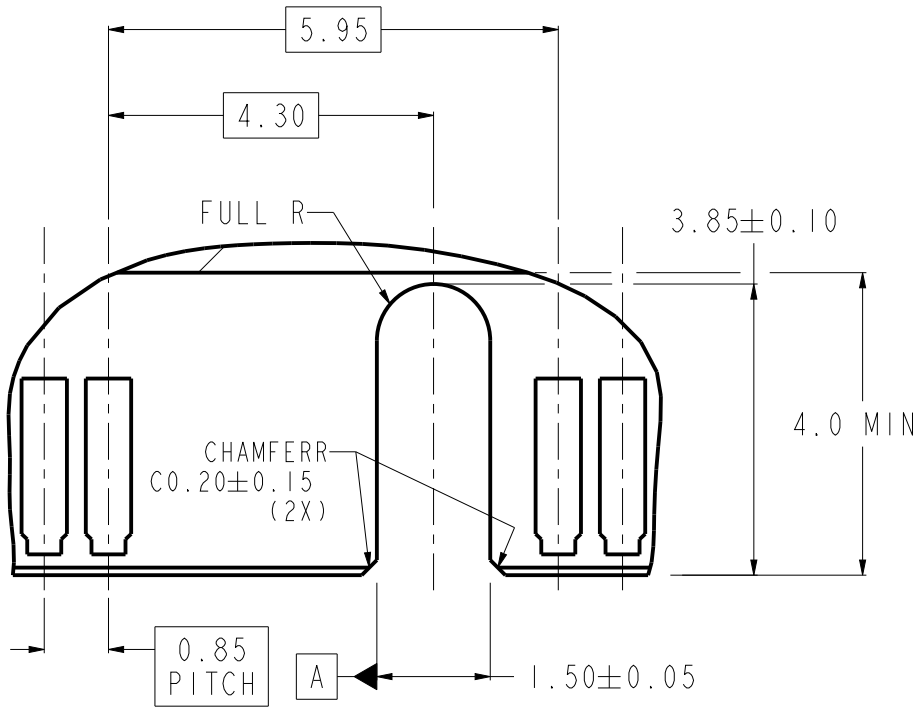
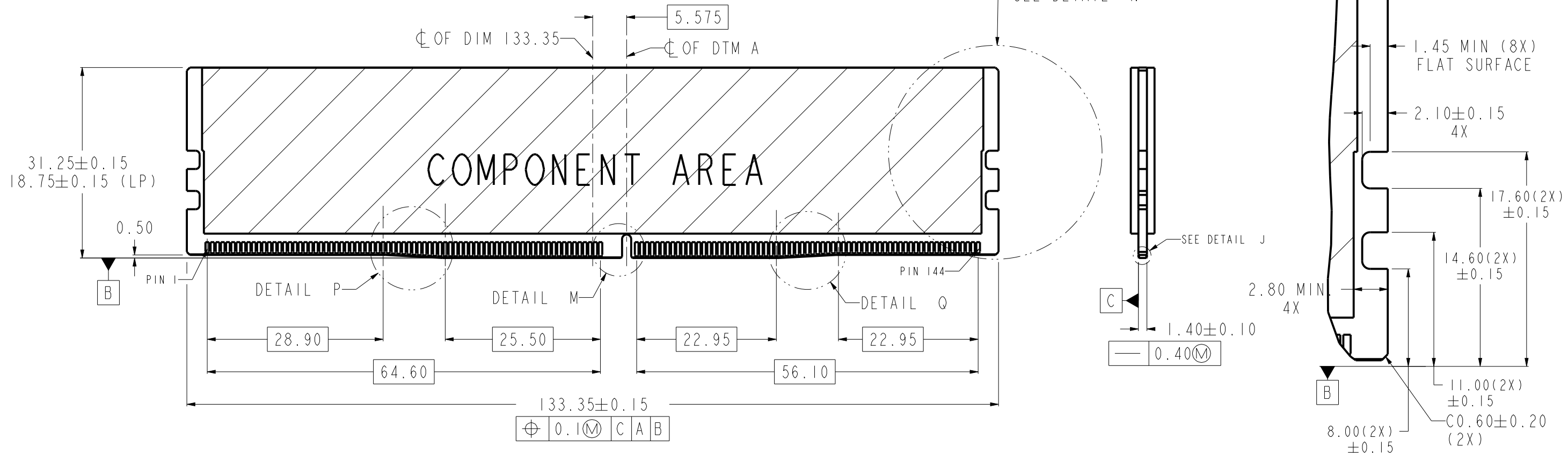
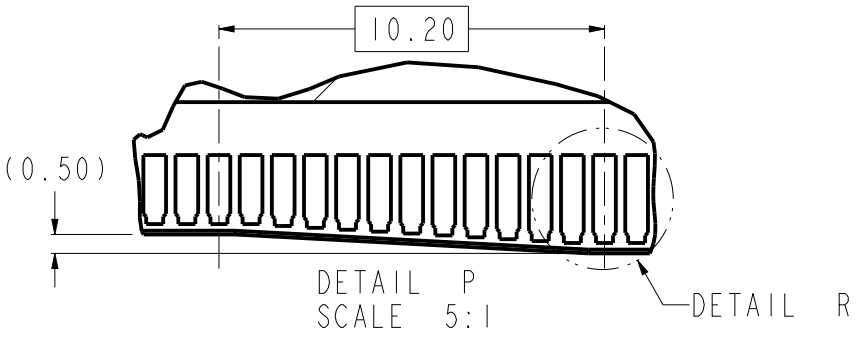


spec ref -				dr	Nickor Zuo	2018/01/30	projection		mm		size	A3	scale	2:1		
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Cong-Lin Zhao	2026/05/20					ecn no	ELX-DG-290351-1
ISO 406 ISO 1101				chr	-	-	product family		-	rel leve					P	Released
surface - 				linear	0.X	±0.30	Amphenol FCI		title DDR4 288 PIN DIMM CONNECTOR SMT TERMINATION		dwg no 10145891		rev P			
					0.XX	±0.20										
					0.XXX	±0.10										
ISO 1302				angular	0°	±2°			cat. no.	-	Product - Customer Drw		sheet 1 of 5			

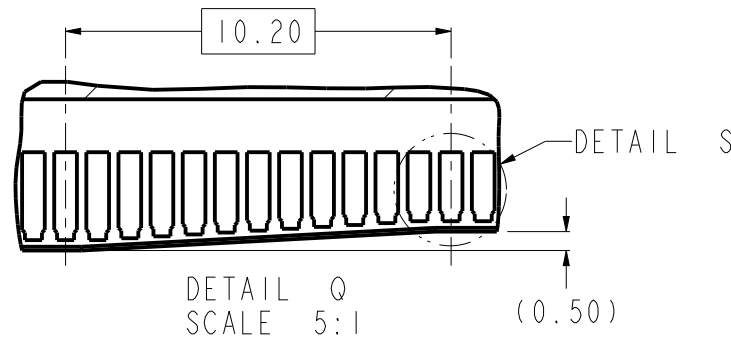
DDR4 MODULE
MORE INFORMATION REFER TO JEDEC MO-309



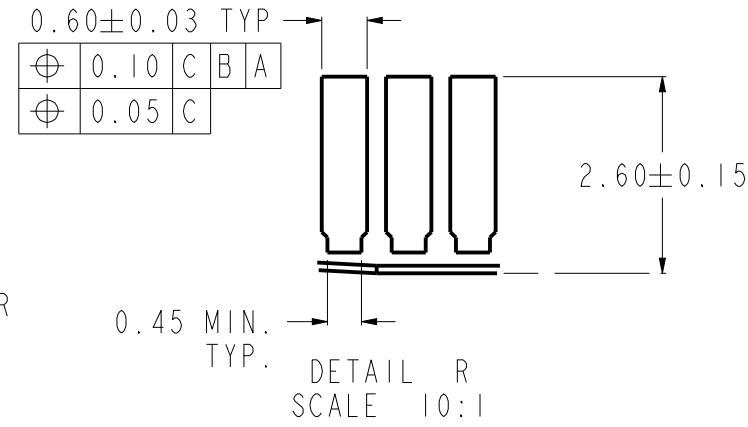
DETAIL M
SCALE 10:1



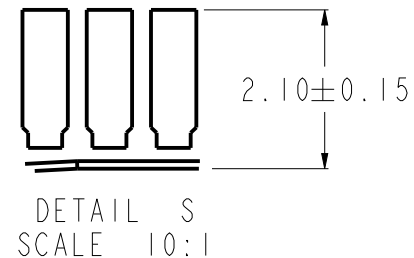
DETAIL P
SCALE 5:1



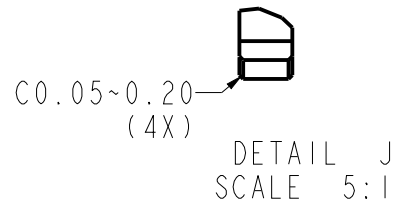
DETAIL Q
SCALE 5:1



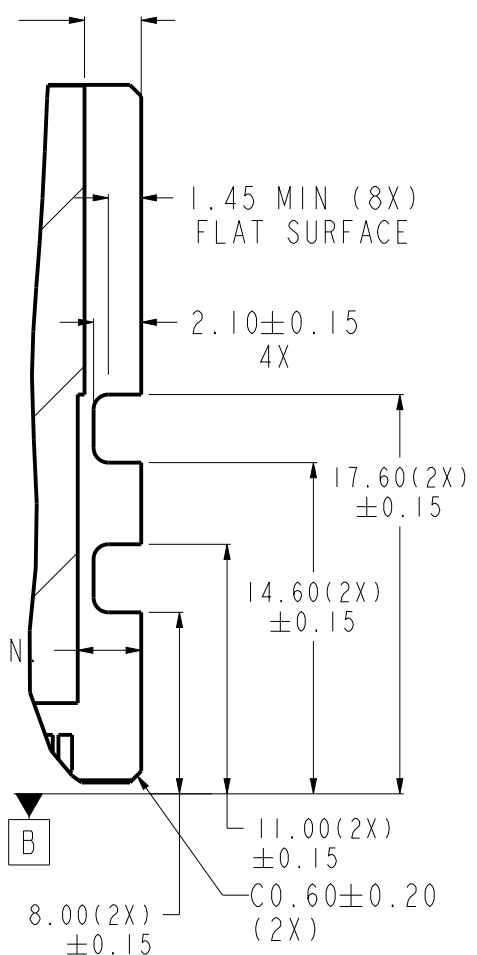
DETAIL R
SCALE 10:1



DETAIL S
SCALE 10:1



DETAIL J
SCALE 5:1



DETAIL N
SCALE 3:1

spec ref -		dr Nickor Zuo		2018/01/30		projection 	mm 	size A3	scale 3:2		
tolerance std ISO 406 ISO 1101		eng Cong-Lin Zhao		2026/05/20				ecn no ELX-DG-290351-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -		-				rel level Released			
surface -		appr Breeze Lv		2026/05/20		product family -		rel level Released			
linear		0.X	±0.30	Amphenol FCI			title DDR4 288 PIN DIMM CONNECTOR		dwg no 10145891		rev P
0.XX		±0.20									
0.XXX		±0.10									
angular		0°	±2°	cat. no. -			Product - Customer Drw		sheet 2 of 5		

RECOMMENDED PCB LAYOUT
MORE INFORMATION REFER TO JEDEC SO-017

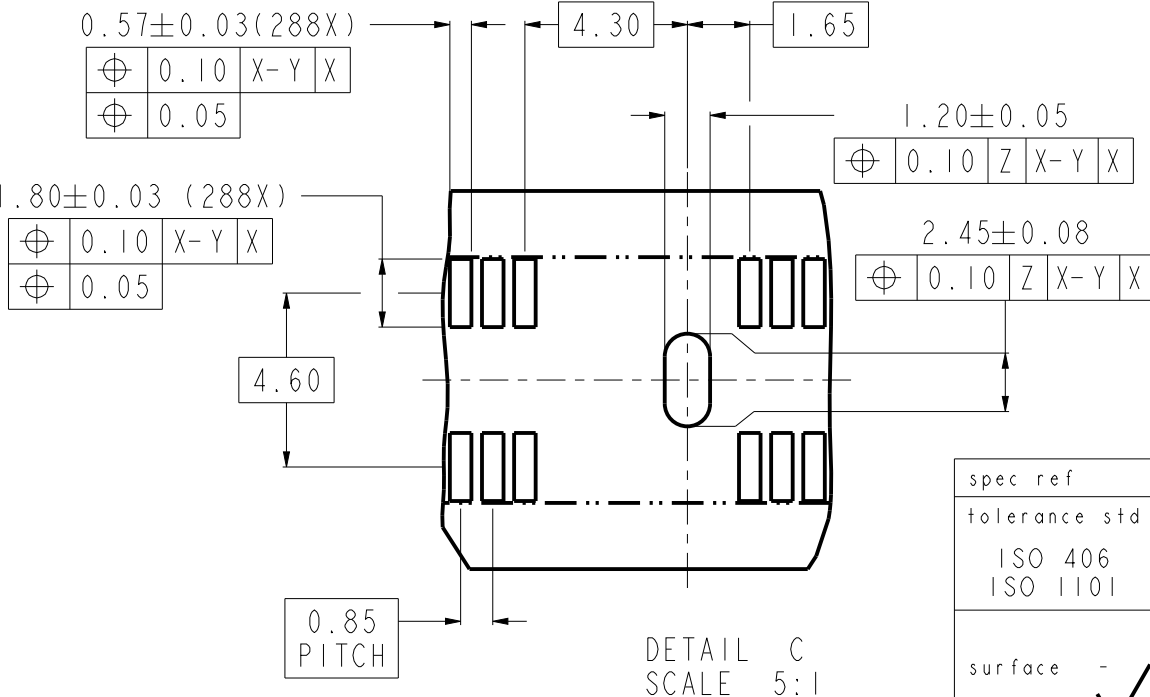
6.50 MAX.
KEEP OUT ZONE

SEE DETAIL C

THICKNESS
1.6~3.2mm

ADDITIONAL NOTES:

1. RECOMMENDED STENCIL THICKNESS IS NOT LESS THAN 0.15mm



spec ref	-
tolerance std	ISO 406 ISO 1101
surface	linear
ISO 1302	angular
	0.X ±0.30 0.XX ±0.20 0.XXX ±0.10 0° ±2°

dr	Nickor Zuo	2018/01/30
eng	Cong-Lin Zhao	2026/05/20
chr	-	-
appr	Breeze Lv	2026/05/20

projection	mm	size	A3	scale	2:1
product family	-	ecn no	ELX-DG-290351-1	rel level	Released
Amphenol FCI	DDR4 288 PIN DIMM CONNECTOR	dwg no	10145891	rev	P
cat. no.	-	Product - Customer Drw	sheet 3 of 5		

PRODUCT PART NUMBER

10145891-□□□□□□□□

ADDITIONAL REQUIREMENTS

0: RoHS COMPLIANT

HOLD DOWNS CONFIGURATIONS

0: 3 FORKLOCKS,LENGTH "L"=4.00±0.25
1: 3 FORKLOCKS,LENGTH "L"=2.50±0.25
3: 3 SOLDER TABS,LENGTH"L"=2.00±0.25
5: 2 SOLDER TABS AT BOTH END (LENGTH "L"=2.00±0.25)
+1 FORKLOCK AT MIDDLE (LENGTH "L"=2.50±0.25)
6: 3 SOLDER TABS,LENGTH"L"=1.50±0.25

MYLAR,CAP

0. WITH 30MM LENGTH MYLAR
1. WITHOUT MYLAR AND CAP
2. WITH CAP

HOUSING COLOR

0: NATURAL
1: BLACK
2: BLUE

EJECTOR TYPE

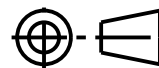
CODE	COLOR	DIM "X1"	DIM "X2"	FIGURE	PACKAGE
0	NATURAL	157	146		24 PCS/HARD TRAY
1	BLACK				
2	BLUE				
J	NATURAL				32 PCS/HARD TRAY (136mm WIDTH)
K	BLACK				
B	BLUE				
C	NATURAL				32 PCS/HARD TRAY (150mm WIDTH)
D	BLACK				
G	NATURAL				60 PCS/SOFT TRAY
H	BLACK				

CONTACT AREA PLATING

CODE	CONTACT AREA
11LF	15u" MIN.GOLD
13LF	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
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.

spec ref -		dr Nickor Zuo		2018/01/30				size A3	scale 1:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Cong-Lin Zhao		2026/05/20			ecn no ELX-DG-290351-1		
			chr -		-			rel level Released		
			appr Breeze Lv		2026/05/20					
						product family -				
surface -  ISO 1302	linear	0.X	±0.30		title DDR4 288 PIN DIMM CONNECTOR			dwg no 10145891	rev P	
		0.XX	±0.20							
		0.XXX	±0.10		SMT TERMINATION					
	angular	0°	±2°							
				cat. no. -		Product - Customer Drw			sheet 4 of 5	

PRODUCT PART NUMBER

10145891-□□□□□□□□

ADDITIONAL REQUIREMENTS
1: LOW HALOGEN COMPLIANT

HOLD DOWNS CONFIGURATIONS
0: 3 FORKLOCKS, LENGTH "L"=4.00±0.25
1: 3 FORKLOCKS, LENGTH "L"=2.50±0.25
3: 3 SOLDER TABS, LENGTH "L"=2.00±0.25
5: 2 SOLDER TABS AT BOTH END (LENGTH "L"=2.00±0.25)
+1 FORKLOCK AT MIDDLE (LENGTH "L"=2.50±0.25)
6: 3 SOLDER TABS, LENGTH "L"=1.50±0.25

MYLAR, CAP AND PACKAGE
0. WITH 30MM LENGTH MYLAR, HARD TRAY PACKAGE
1. WITHOUT MYLAR AND CAP, HARD TRAY PACKAGE
2. WITH CAP, HARD TRAY PACKAGE
3. WITH 90MM LENGTH MYLAR, HARD TRAY PACKAGE

HOUSING COLOR
0: NATURAL
1: BLACK
2: BLUE
3: YELLOW
EJECTOR TYPE

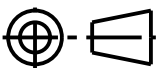
CONTACT AREA PLATING

CODE	CONTACT AREA
11LF	15u" MIN.GOLD
13LF	30u" MIN.GOLD
18LF	18u" MIN.GOLD

NOTES:

1. MATERIALS:
HOUSING: HIGH PERFROMANCE 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.

CODE	COLOR	DIM "X1"	DIM "X2"	FIGURE	PACKAGE
M	NATURAL	157	146		24 PCS/TRAY 10094882-02-012B (10145891-1301M11LF) (10145891-1303M11LF)
L	BLACK				24 PCS/TRAY (10145891-1011L13LF) (10145891-1001L13LF)
J	NATURAL				32 PCS/HARD TRAY (136mm WIDTH)
K	BLACK				
B	BLUE				
C	NATURAL				
D	BLACK				32 PCS/HARD TRAY (150mm WIDTH)
0	NATURAL				24 PCS/TRAY
I	BLACK				
3	NATURAL	153	143		24 PCS/TRAY
4	BLACK				
5	NATURAL	155	144		28 PCS/TRAY
6	BLACK				

spec ref -				dr Nickor Zuo		2018/01/30				size A3		scale 1:1					
tolerance std				eng Cong-Lin Zhao		2026/05/20				ecn no ELX-DG-290351-1							
ISO 406				chr -		-				rel level							
ISO 1101				appr Breeze Lv		2026/05/20				Released							
TOLERANCES UNLESS OTHERWISE SPECIFIED				product family -													
surface -  ISO 1302		linear		0.X		±0.30		Amphenol FCI									
		0.XX		±0.20		DDR4 288 PIN DIMM CONNECTOR											
		0.XXX		±0.10										SMT TERMINATION			
		angular		0°		±2°		cat. no. -									
Product - Customer Drw						sheet 5 of 5											
								dwg no 10145891									
								rev P									