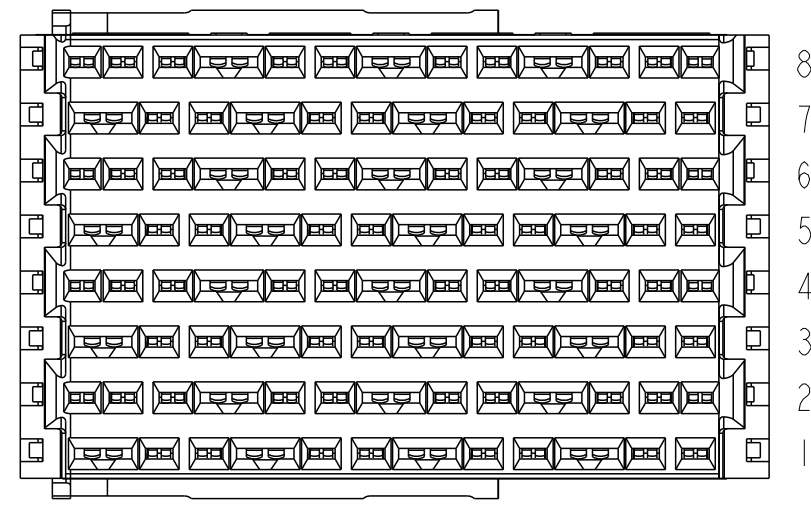
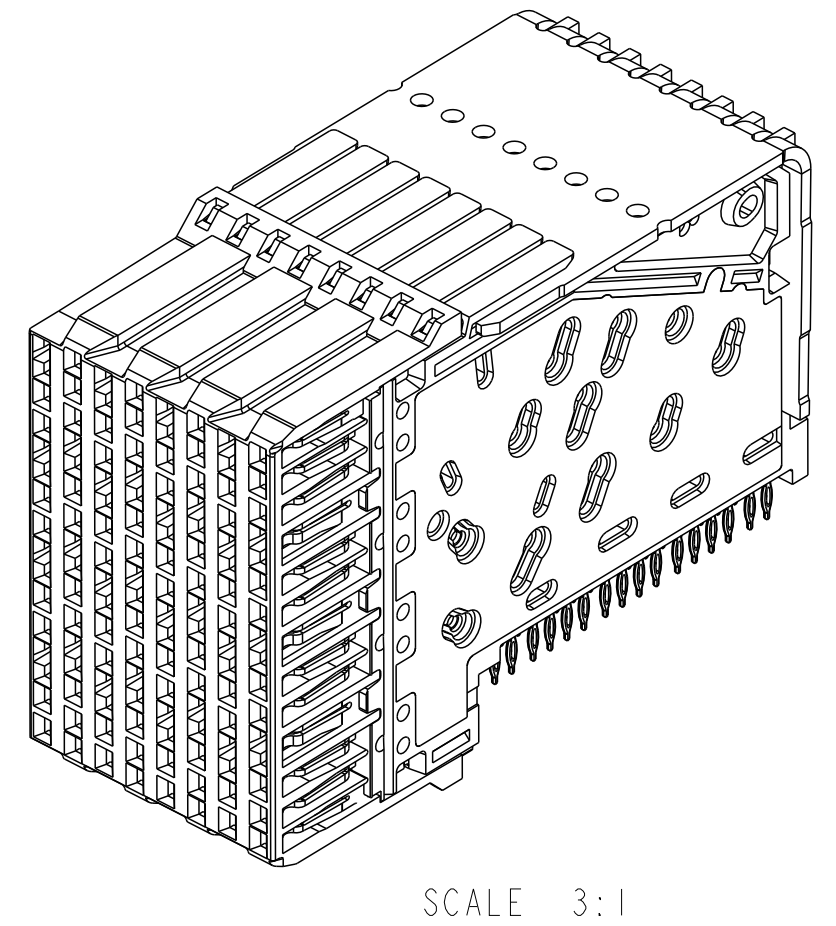
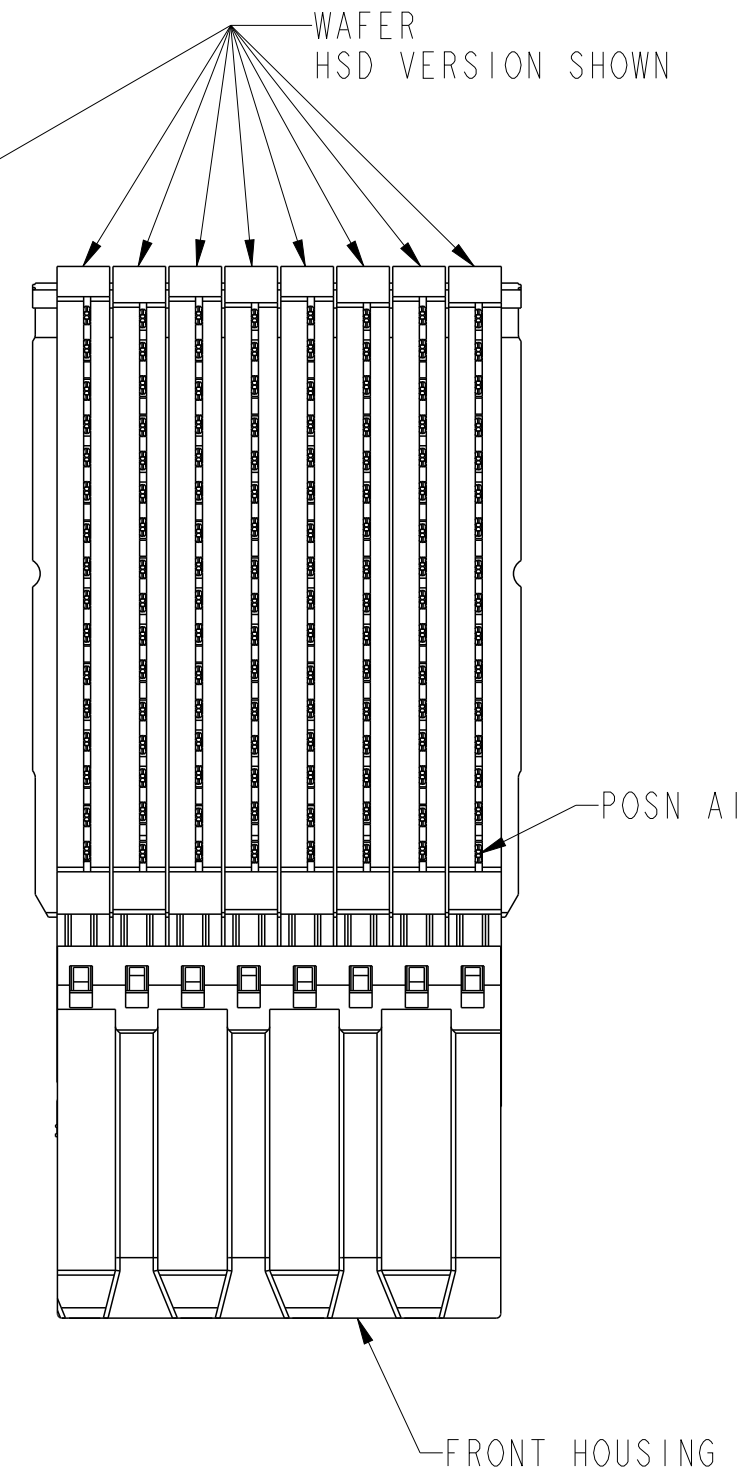
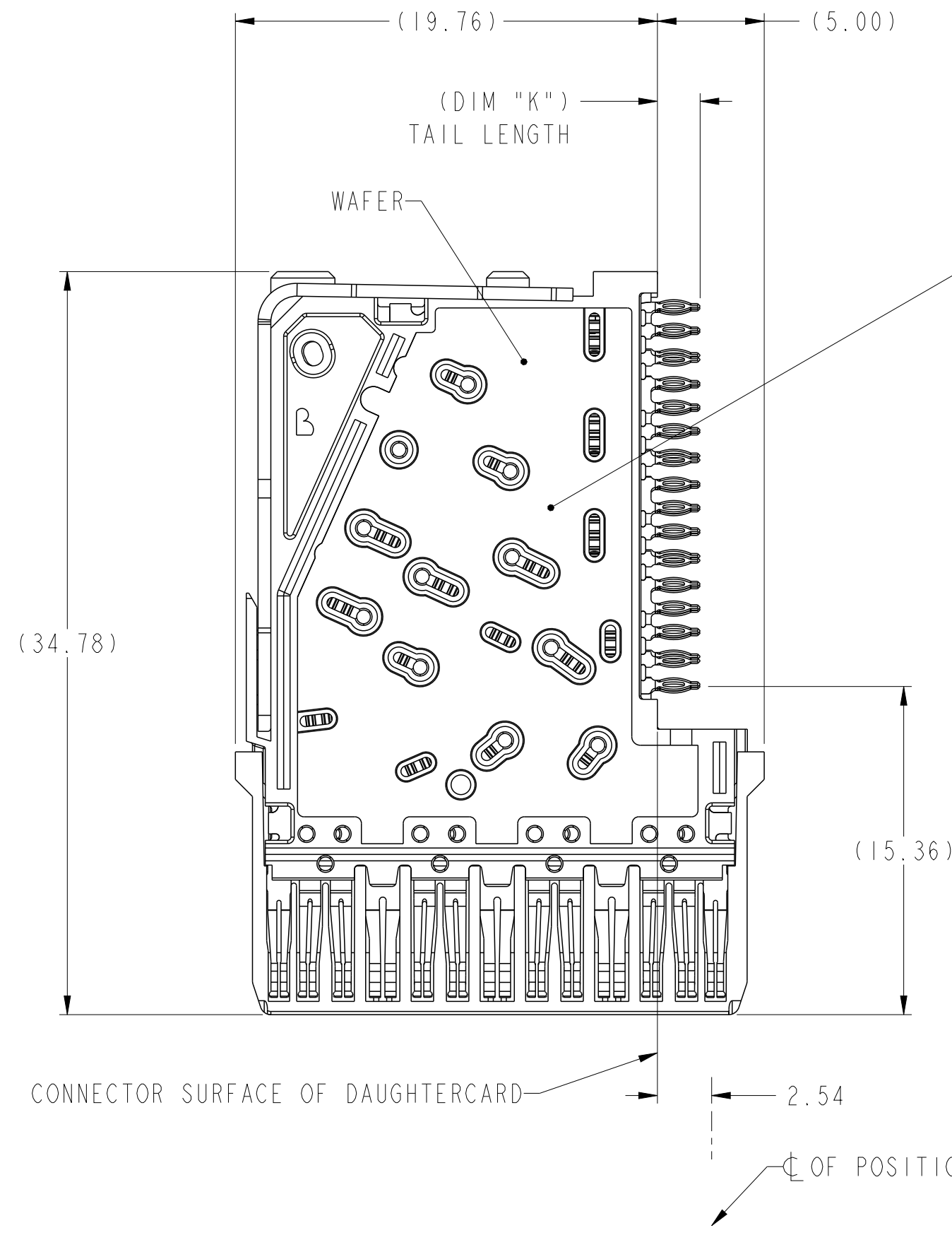
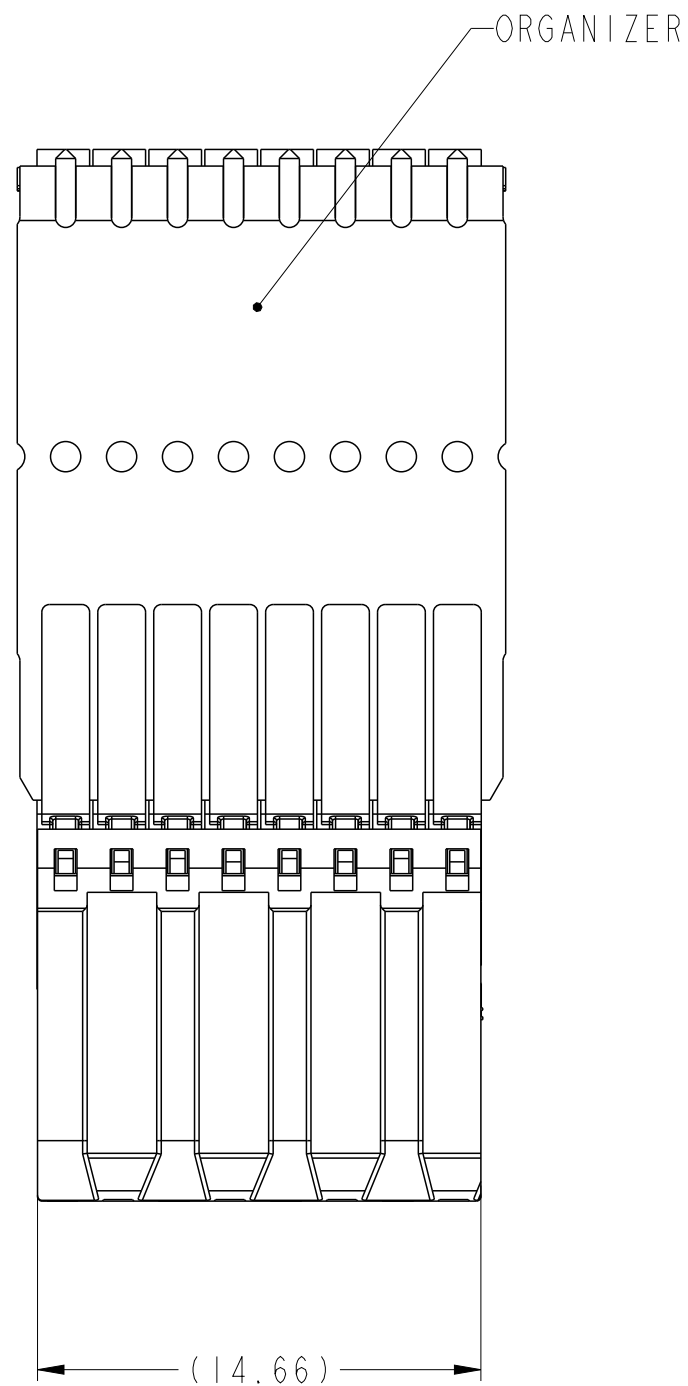
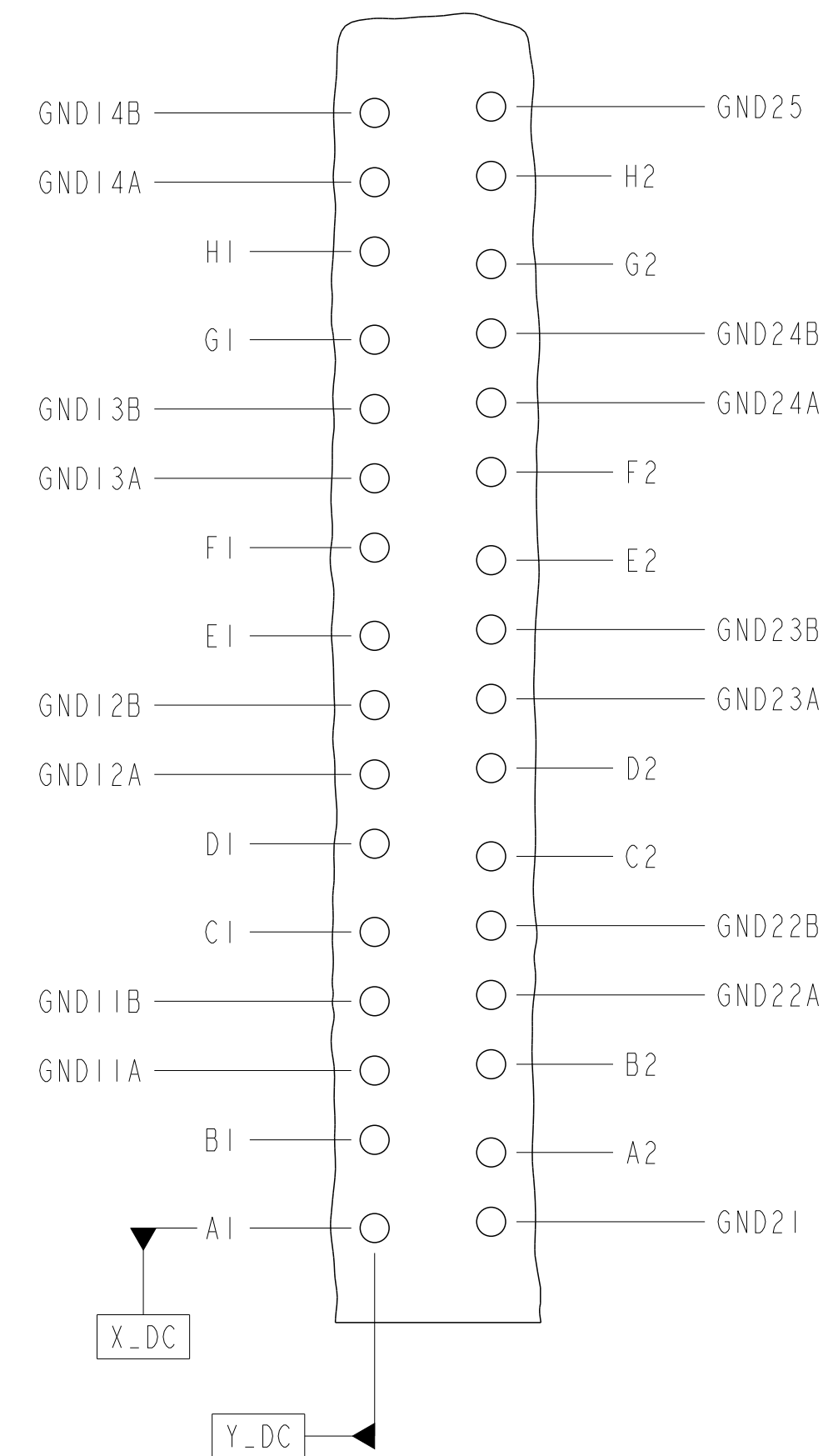
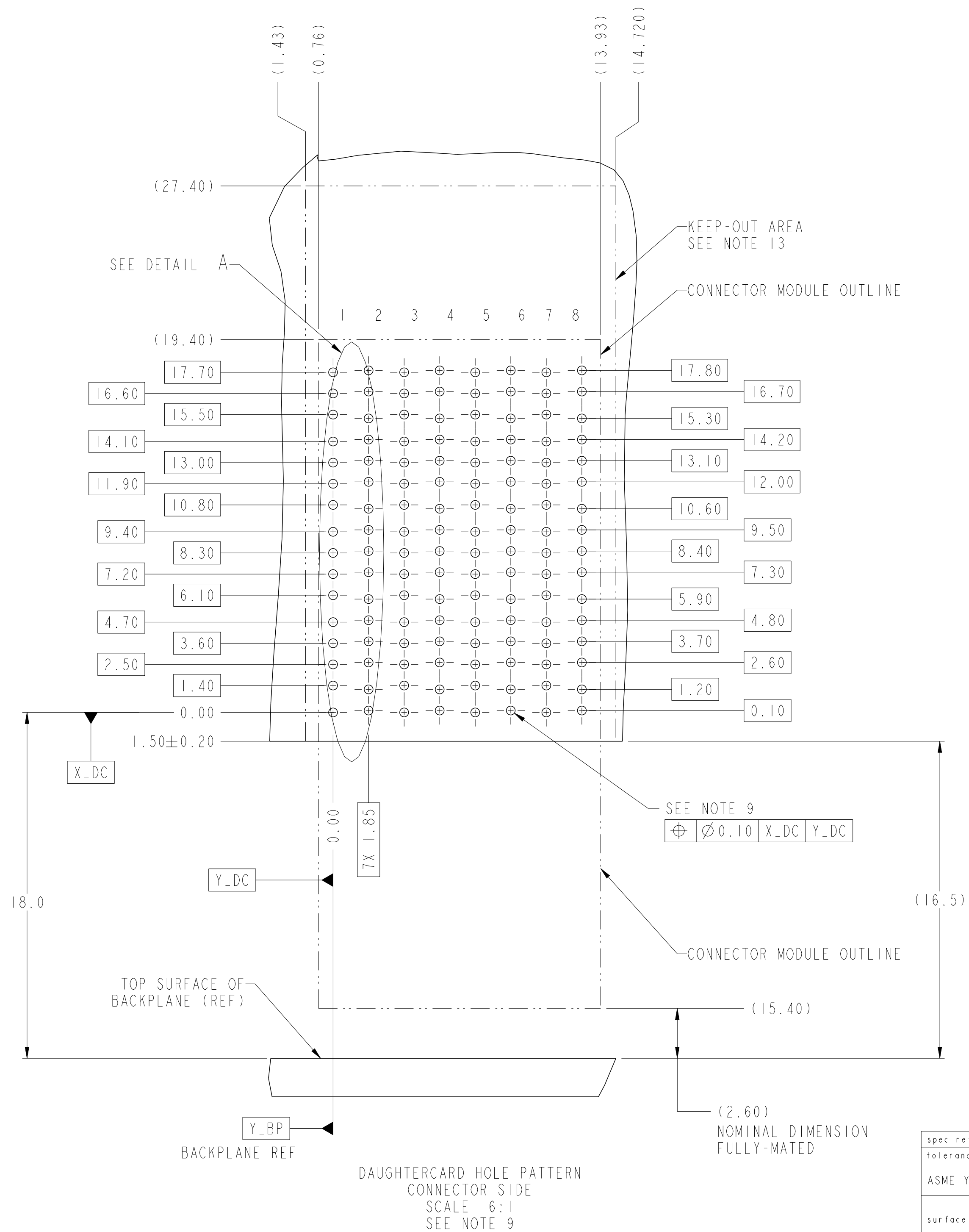




spec ref	SEE NOTES	dr	Jim Swain	2010/02/22	projection	mm	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Matthew Cheong	2012/04/30			ecn no	ELX-S-011499-1		
ASME Y14.5		chr	-	-			rel level	Released		
		appr	Chen-Hong Tan	2012/04/30	product family	XCede	rel level	Released		
surface	linear	0.X	±	-	FCI	title	RECEPT MODULE, RIGHT ANGLE	dwg no	10091812	rev
		0.XX	±	-			8 COLUMN, 4 PAIR			B
ASME Y14.5	angular	0°	±	-	www.fci.com	cat. no.	SEE P/N TABLES	Product - Customer Drw	sheet 1 of 6	



DETAIL A
 SCALE 10:1
 HIGH-SPEED DIFFERENTIAL PINOUT
 SEE NOTE 9

spec ref		SEE NOTES		dr Jim Swain2010/01/22		projection 		sizeA2		scale3:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Matthew Cheong2012/04/30		 mm		ecn no		ELX-5-011499-1		
ASME Y14.5				chr -				product family		XCode		rel rev
				appr Chen-Hong Tan2012/04/30						Released		
surface 		linear	0.X 0.XX 0.XXX	± ± ±		title	RECEPT MODULE, RIGHT ANGLE 8 COLUMN, 4 PAIR		dwg no	10091812		rev
ASME Y14.5		angular	0°	±°								
			www.fci.com		cat. no.		SEE P/N TABLES		Product- Customer Drw		sheet 2 of 6	

	I		2		3		4		5		6		7		8																																																																						
A	ASSEMBLY PART NUMBER	LEAD-FREE	MODULE DESCRIPTION AND USAGE NOTES	VERSION	IMPEDANCE	COMPLIANT TAIL STYLE AND PCB DRILL DIAMETER	DIM "K" (TAIL LENGTH)	REMARKS		PCB REQUIREMENTS																																																																											
	10091812-105	NO	SEE NOTES 6 & 14	HSD	85Ω	STANDARD 0.57 (.0225")	2.0	TELCORDIA CO		ATTRIBUTE	STANDARD TAIL	MICRO TAIL																																																																									
	10091812-105LF	YES								DRILL	Ø0.57 (.0225")	Ø0.45 (.0177")																																																																									
	10091812-115	NO	SEE NOTES 6 & 15					TELCORDIA UE		PTH	Ø0.46±0.05	Ø0.36±0.05																																																																									
	10091812-115LF	YES								PAD SEE NOTE 8	Ø0.88	Ø0.75																																																																									
	10091812-505	NO	SEE NOTES 6 & 14					HSD		85Ω	MICRO 0.45 (.0177")	1.3	TELCORDIA CO	MIN PCB THICKNESS	1.60	1.10																																																																					
	10091812-505LF	YES												TELCORDIA UE																																																																							
	10091812-515	NO	SEE NOTES 6 & 15										TELCORDIA CO																																																																								
	10091812-515LF	YES												TELCORDIA UE																																																																							
	10091812-106	NO	SEE NOTES 6 & 14										TELCORDIA CO																																																																								
10091812-106LF	YES	TELCORDIA UE																																																																																			
10091812-116	NO		SEE NOTES 6 & 15	TELCORDIA CO																																																																																	
10091812-116LF	YES	TELCORDIA UE																																																																																			
10091812-506	NO		SEE NOTES 6 & 14	TELCORDIA CO																																																																																	
10091812-506LF	YES	TELCORDIA UE																																																																																			
10091812-516	NO		SEE NOTES 6 & 15	TELCORDIA CO																																																																																	
10091812-516LF	YES	TELCORDIA UE																																																																																			
10091812-107	NO		SEE NOTES 6 & 14	LC	85Ω	STANDARD 0.57 (.0225")	2.0	TELCORDIA CO																																																																													
10091812-107LF	YES	TELCORDIA UE																																																																																			
10091812-117	NO		SEE NOTES 6 & 15					TELCORDIA CO																																																																													
10091812-117LF	YES	TELCORDIA UE																																																																																			
10091812-507	NO		SEE NOTES 6 & 14					TELCORDIA CO																																																																													
10091812-507LF	YES	TELCORDIA UE																																																																																			
10091812-517	NO		SEE NOTES 6 & 15					TELCORDIA CO																																																																													
10091812-517LF	YES	TELCORDIA UE																																																																																			
10091812-108	NO		SEE NOTES 6 & 14					LC			85Ω	MICRO 0.45 (.0177")	1.3	TELCORDIA CO																																																																							
10091812-108LF	YES	TELCORDIA UE																																																																																			
10091812-118	NO		SEE NOTES 6 & 15	TELCORDIA CO																																																																																	
10091812-118LF	YES	TELCORDIA UE																																																																																			
10091812-508	NO		SEE NOTES 6 & 14	TELCORDIA CO																																																																																	
10091812-508LF	YES	TELCORDIA UE																																																																																			
10091812-518	NO		SEE NOTES 6 & 15	TELCORDIA CO																																																																																	
10091812-518LF	YES	TELCORDIA UE																																																																																			
F	<table><tr><td>spec ref</td><td colspan="3">SEE NOTES</td><td>dr</td><td>Jim Swain</td><td>2010/01/22</td><td>projection</td><td>mm</td><td>size</td><td>A2</td><td>scale</td><td>2:1</td></tr><tr><td>tolerance std</td><td colspan="3" rowspan="4">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>eng</td><td>Matthew Cheong</td><td>2012/04/30</td><td rowspan="4"></td><td rowspan="4"></td><td rowspan="4">ecn no</td><td colspan="3" rowspan="4">ELX-S-011499-1</td></tr><tr><td>ASME Y14.5</td></tr><tr><td>chr</td><td>-</td><td>-</td></tr><tr><td>appr</td><td>Chen-Hong Tan</td><td>2012/04/30</td><td>product family</td><td>XCede</td><td>rel lev</td><td>Ct</td><td>Released</td></tr><tr><td>surface</td><td rowspan="3"></td><td>linear</td><td>0.X</td><td>±-</td><td rowspan="3"></td><td rowspan="3">title</td><td colspan="3" rowspan="3">RECEPT MODULE, RIGHT ANGLE</td><td rowspan="3">diag no</td><td colspan="2" rowspan="3">10091812</td><td rowspan="3">rev</td><td rowspan="3">B</td></tr><tr><td rowspan="2">ASME Y14.5</td><td rowspan="2">angular</td><td rowspan="2">0°</td><td rowspan="2">±°</td></tr><tr></tr><tr><td colspan="4"></td><td colspan="2">www.fci.com</td><td>cat. no.</td><td colspan="2">SEE PART NUMBER TABLE</td><td colspan="2">Product - Customer Drw</td><td colspan="3">sheet 4 of 6</td></tr></table>																spec ref	SEE NOTES			dr	Jim Swain	2010/01/22	projection	mm	size	A2	scale	2:1	tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2012/04/30			ecn no	ELX-S-011499-1			ASME Y14.5	chr	-	-	appr	Chen-Hong Tan	2012/04/30	product family	XCede	rel lev	Ct	Released	surface		linear	0.X	±-		title	RECEPT MODULE, RIGHT ANGLE			diag no	10091812		rev	B	ASME Y14.5	angular	0°	±°					www.fci.com		cat. no.	SEE PART NUMBER TABLE		Product - Customer Drw		sheet 4 of 6
spec ref	SEE NOTES			dr	Jim Swain	2010/01/22	projection	mm	size	A2	scale	2:1																																																																									
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				www.fci.com		cat. no.	SEE PART NUMBER TABLE		Product - Customer Drw		sheet 4 of 6																																																																										
	I		2		3		4		5	PDS: Rev :B		STATUS:Released		Printed: May 02, 2012																																																																							

A

B

C

D

E

F

A

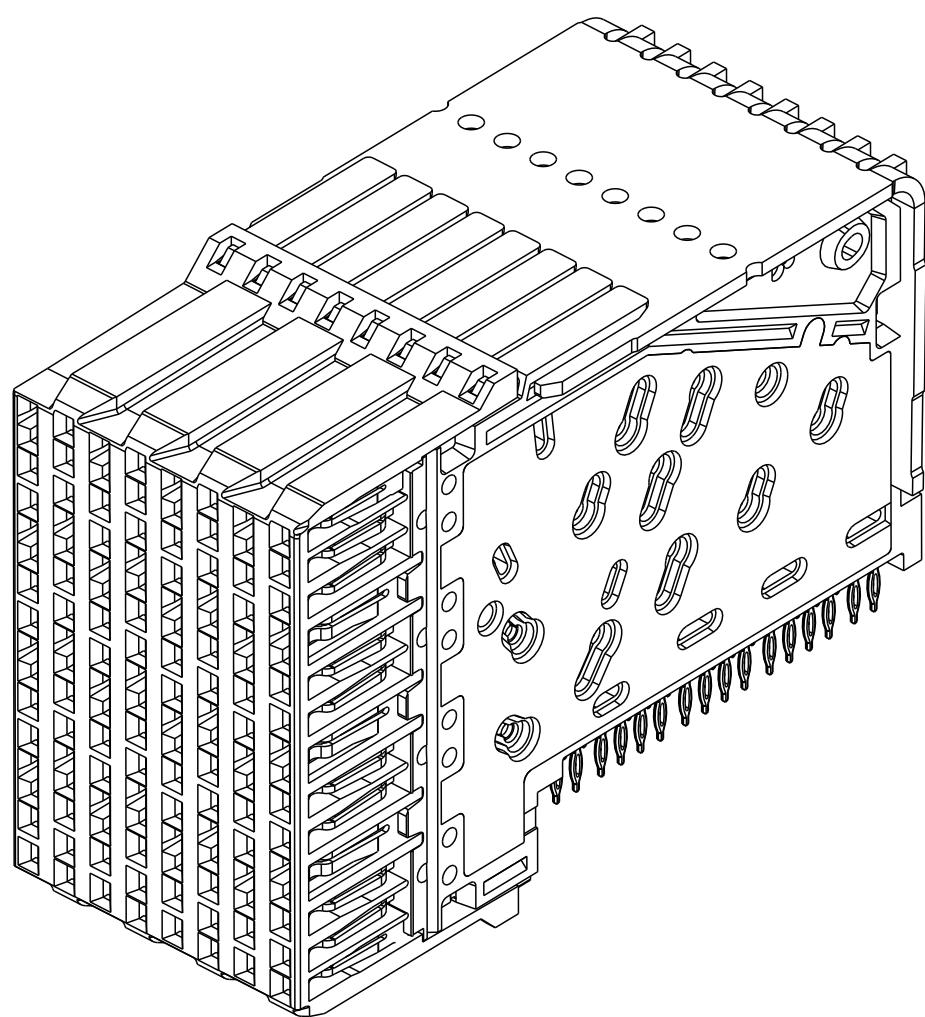
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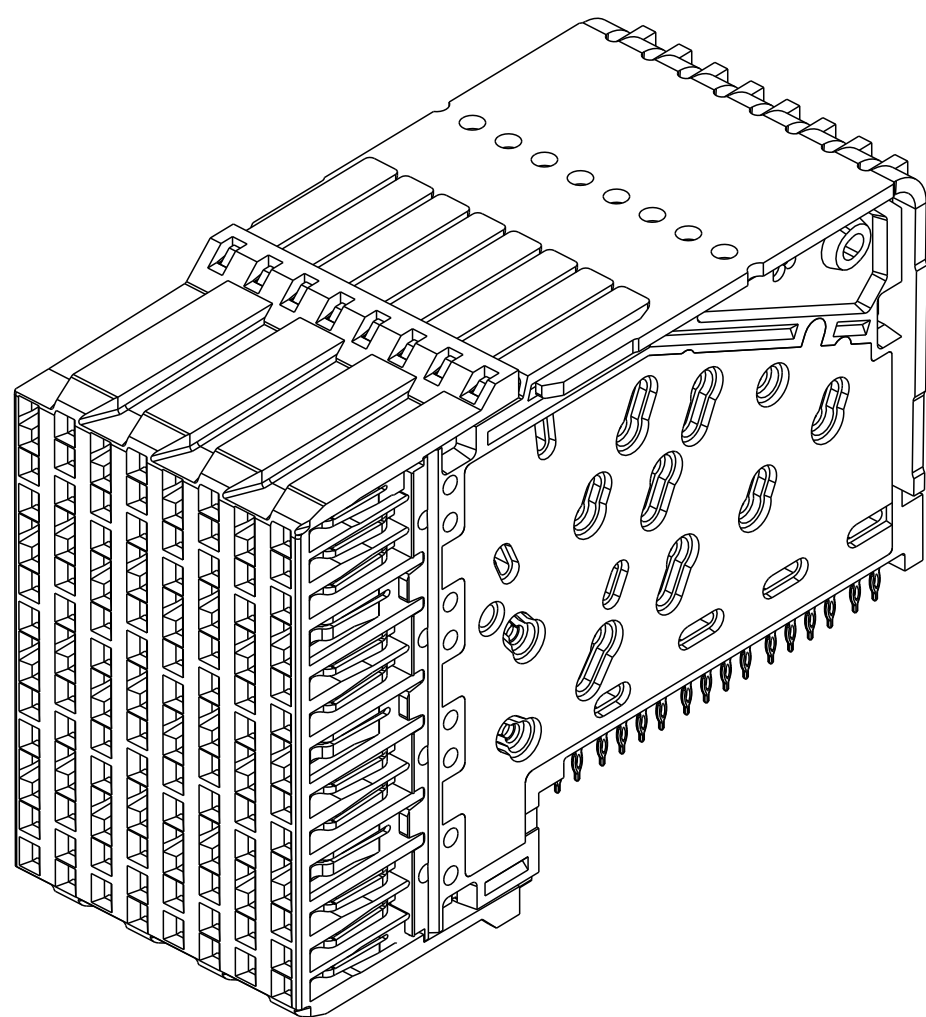
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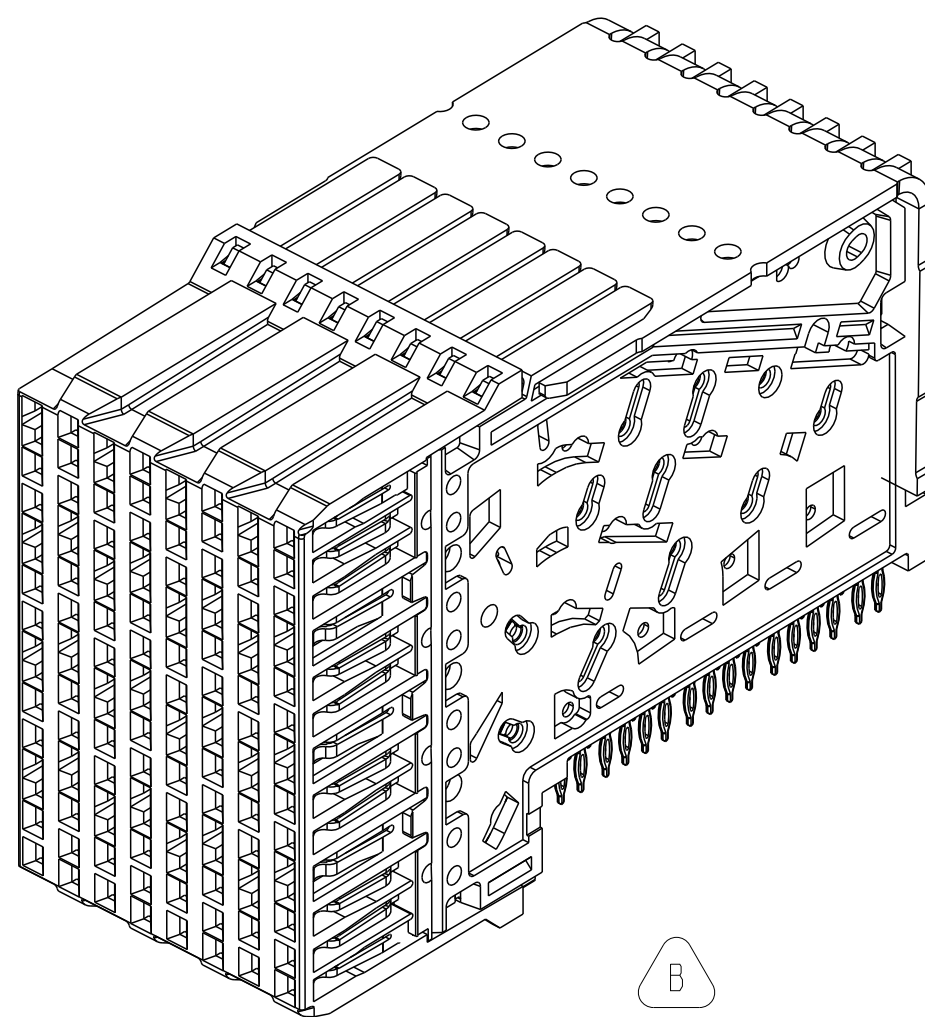
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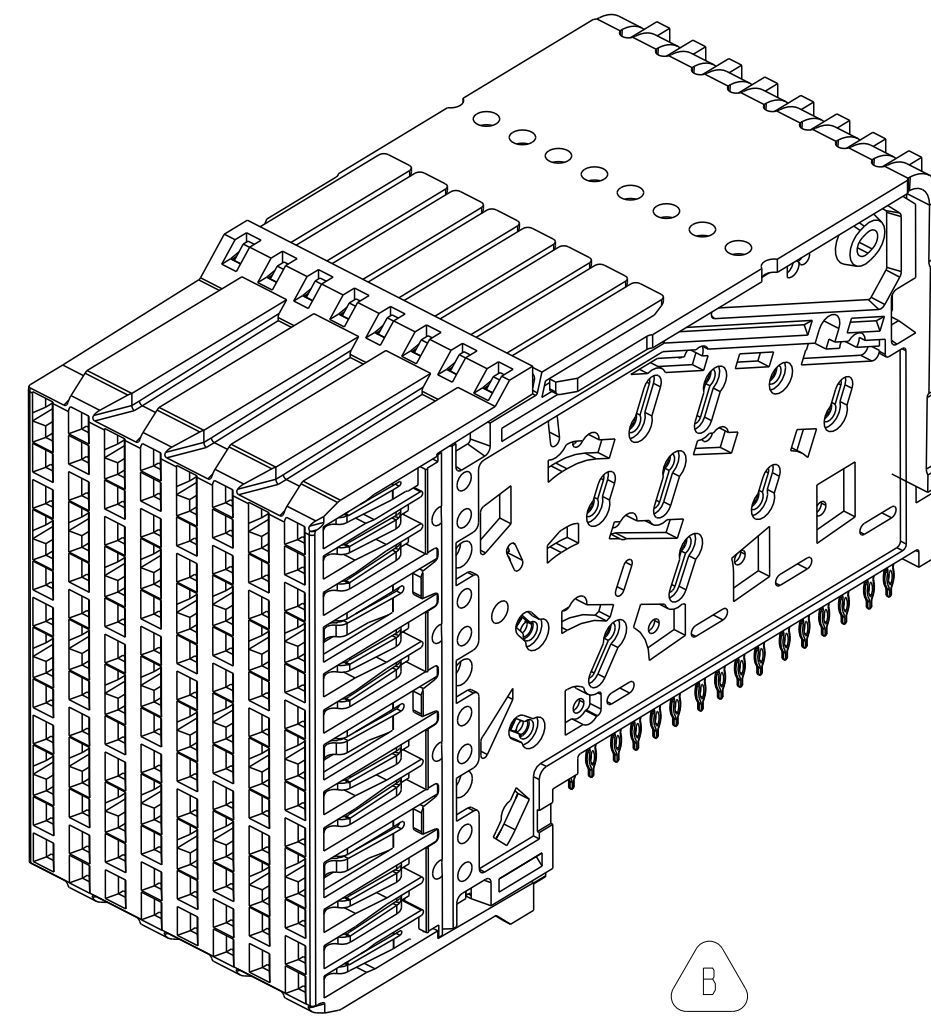
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HSD / 100Ω & 85Ω / STD EON
SEE NOTE 14



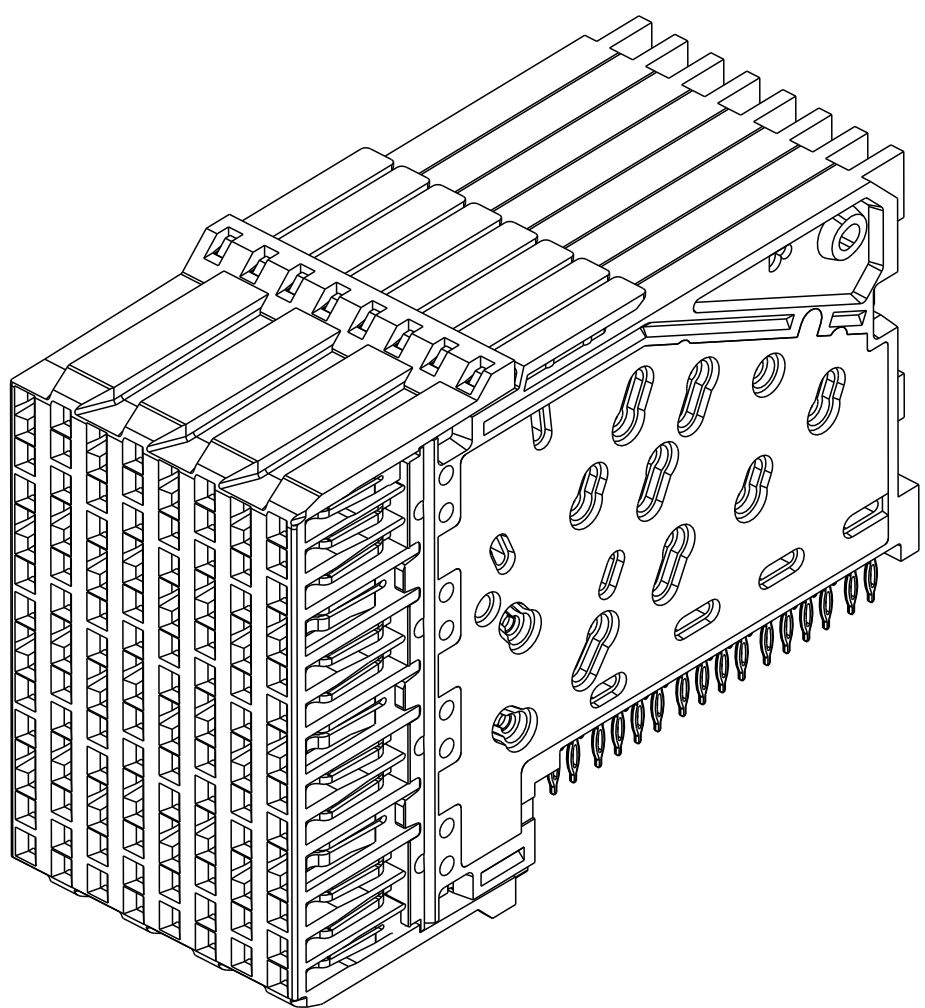
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HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



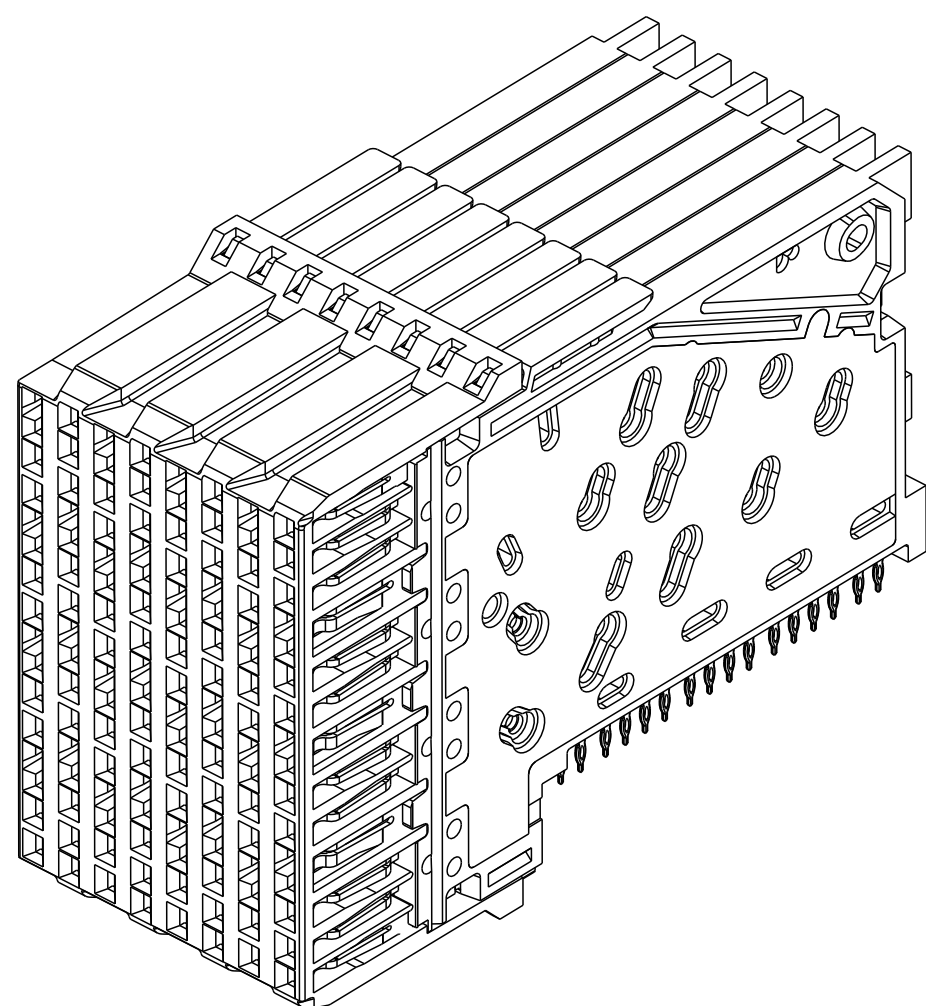
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LC / 100Ω & 85Ω / STD EON
SEE NOTE 14



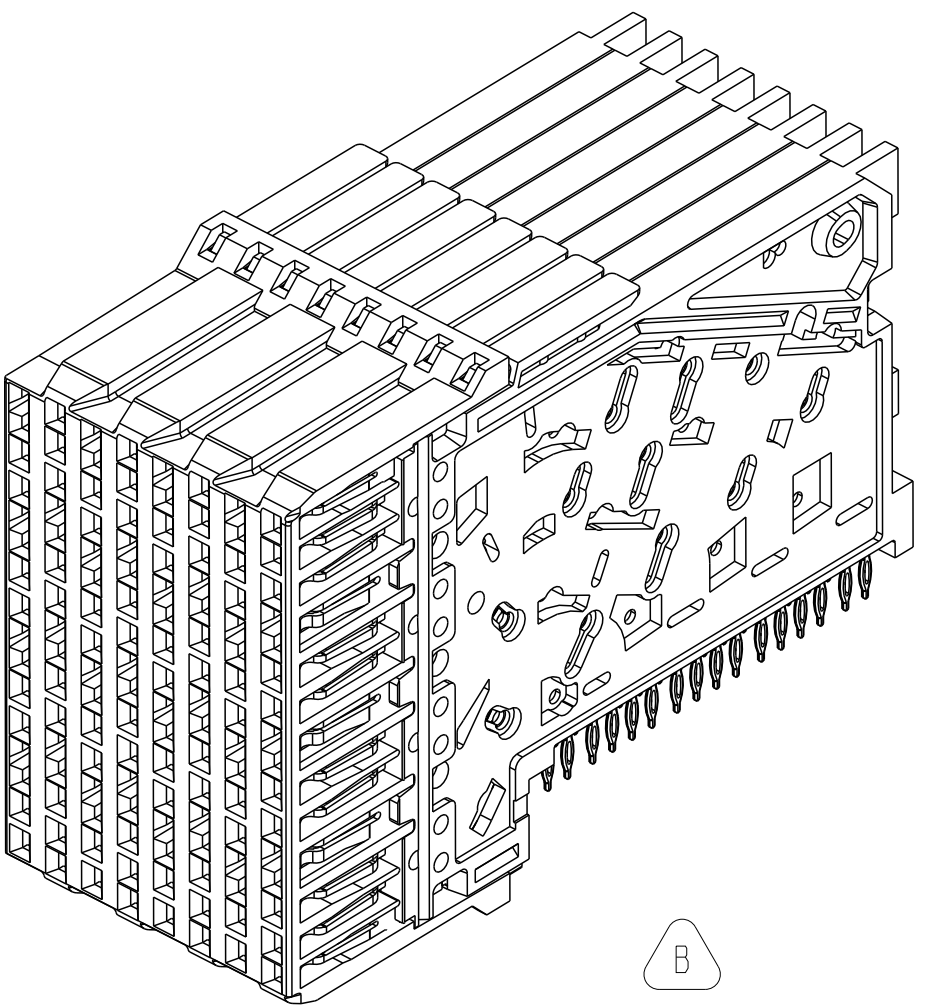
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LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



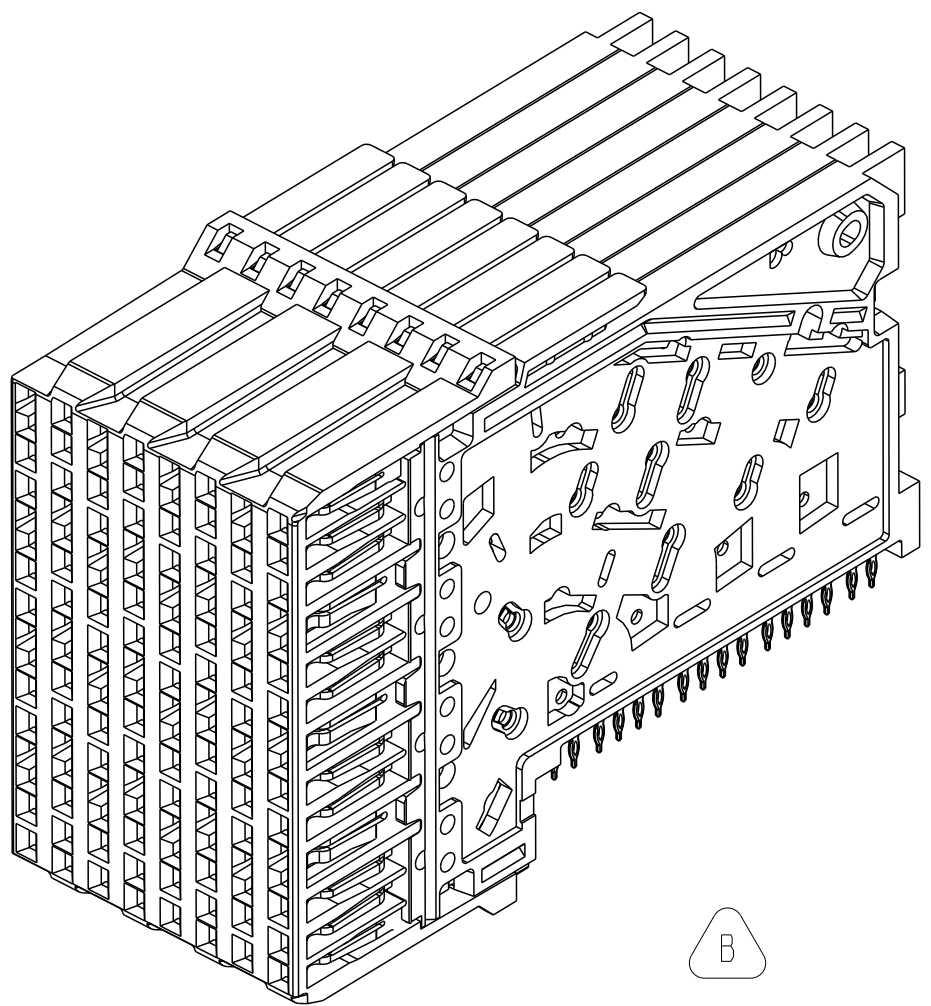
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HSD / 100Ω & 85Ω / STD EON
SEE NOTE 15



10091812-X12 & X16
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 15



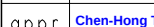
10091812-X13 & X17
LC / 100Ω & 85Ω / STD EON
SEE NOTE 15



10091812-X14 & X18
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 15



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spec ref	SEE NOTES			dr	Jim Swain	2010/01/22	projection		mm		size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2012/04/30					A2	3:1
ASME Y14.5				chr	-	-	appr	Chen-Hong Tan	2012/04/30	ecn no	ELX-S-011499-1	
							product family	XCede		rel lev	Cr	Released
surface 	linear	0.X	±		title	RECEPT MODULE, RIGHT ANGLE				dwg no	10091812	rev
		0.XX	±									
		0.XXX	±									
ASME Y14.5	angular	0°	±	www.fci.com	cat. no.	SEE P/N TABLES	Product - Customer Drw			sheet 5 of 6		

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH-TEMPERATURE THERMOPLASTIC, GRAY, UL 94V-0
WAFERS: HIGH-TEMPERATURE THERMOPLASTIC, GRAY, UL 94V-0
CONTACTS: HIGH-PERFORMANCE COPPER ALLOY
ORGANIZER: STAINLESS STEEL

2. CONTACT PLATING:

SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-588, INCLUDING THE TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE.

PRESS-FIT TAILS: TIN-LEAD ALLOY OVER NICKEL OR TIN OVER NICKEL (LEAD FREE) AS NOTED. SEE "LEAD-FREE" COLUMN IN P/N TABLE.

3. PRODUCT SPECIFICATION: GS-12-588

4. APPLICATION SPECIFICATION: GS-20-121

5. PRODUCT MARKING: APPLIED TO CUSTOM MONOBLOCK ASSEMBLY

6. XCede® MODULES ARE DESIGNED TO BE STACKED INTO A MONOBLOCK ASSEMBLY, JOINED TOGETHER BY A COMMON STAMPED METAL ORGANIZER. INDIVIDUALLY ASSEMBLED MODULES ARE OFFERED FOR PURPOSES OF SAMPLING AND INITIAL DESIGN-IN EVALUATION AS IDENTIFIED IN THE PART NUMBER TABLE.

7. DRAWING IS INTENDED FOR LAYOUT PURPOSES ONLY.

8. STATED PAD SIZE MAY REQUIRE FILLETING. REFER TO FCI APPLCATION SPECIFICATION FOR ROUTING GUIDELINES.

9. SEE PCB REQUIREMENTS TABLE AND FCI APPLICATION SPECIFICATION GS-20-121 FOR PCB HOLE SPECIFICATIONS AND ROUTING GUIDELINES.

10. LEAD-FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN FCI SPECIFICATION GS-22-008.

11. THE PLASTIC MATERIALS IN THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260° PEAK TEMP FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

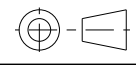
12. PACKAGING MEETS FCI SPECIFICATION GS-14-920 FOR LEAD-FREE LABELING.

13. THE SPECIFIED KEEP-OUT AREA IS REQUIRED FOR CONNECTOR REPAIRABILITY.

14. INDIVIDUAL MODULE ASSEMBLIES INCLUDING ASSEMBLED METAL ORGANIZER. THESE MODULES ARE TO BE USED FOR SAMPLING AND INITIAL EVALUATION ONLY. REF NOTE 6.

15. INDIVIDUAL MODULES TO BE SPECIFIED AND USED IN CUSTOM MONOBLOCK CONFIGURATIONS. REFERENCE NOTE 6 AND FCI APPLICATION SPECIFICATION FOR ADDITIONAL CONFIGURATION GUIDELINES AND INFORMATION.

16. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTES WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref		SEE NOTES		dr		Jim Swain		2010/01/22		projection		mm		size		A2		scale		3:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Matthew Cheong		2012/04/30						ecn no		ELX-S-011499-1							
ASME Y14.5				chr		-		-						rel lev		Released							
				appr		Chen-Hong Tan		2012/04/30		product family		XCede											
surface				linear				title		RECEPT MODULE, RIGHT ANGLE 8 COLUMN, 4 PAIR		dwg no		10091812		rev		B					
																				0.X		± -	
ASME Y14.5																						0.XX	
				angular				0°		± °													
						www.fci.com		cat. no.		SEE P/N TABLES		Product - Customer Drw				sheet 6 of 6							