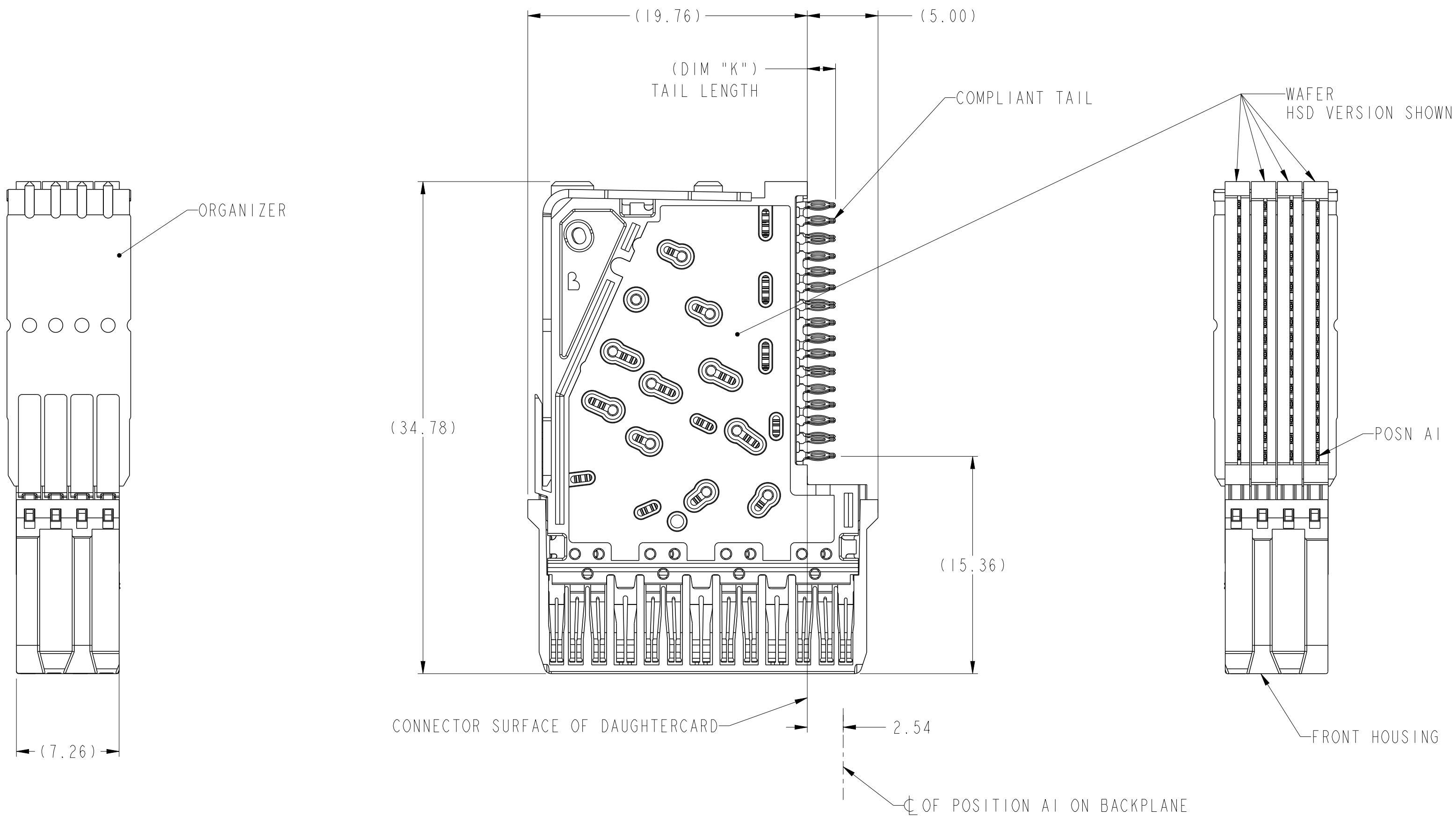
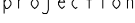
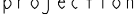
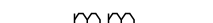
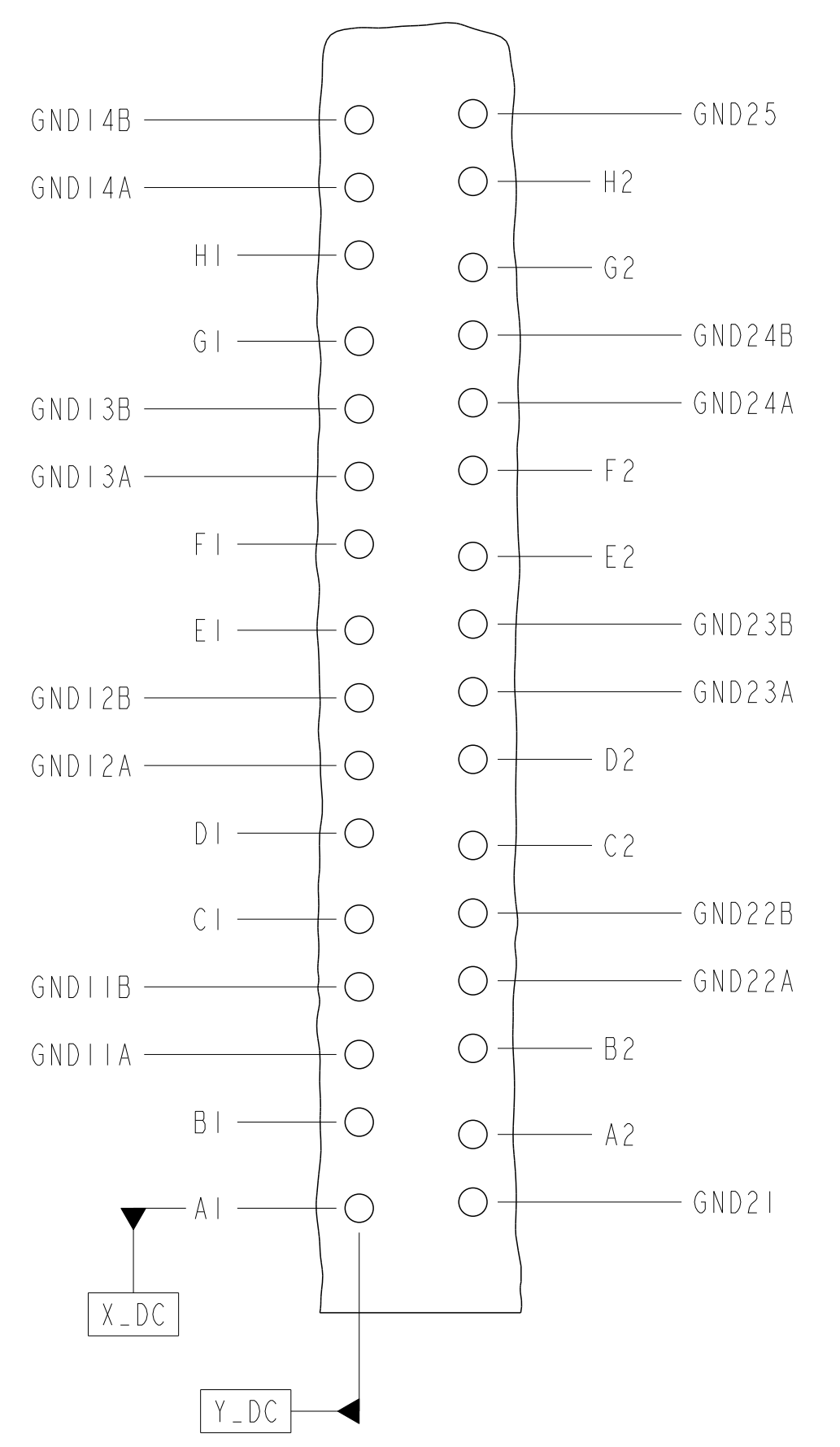
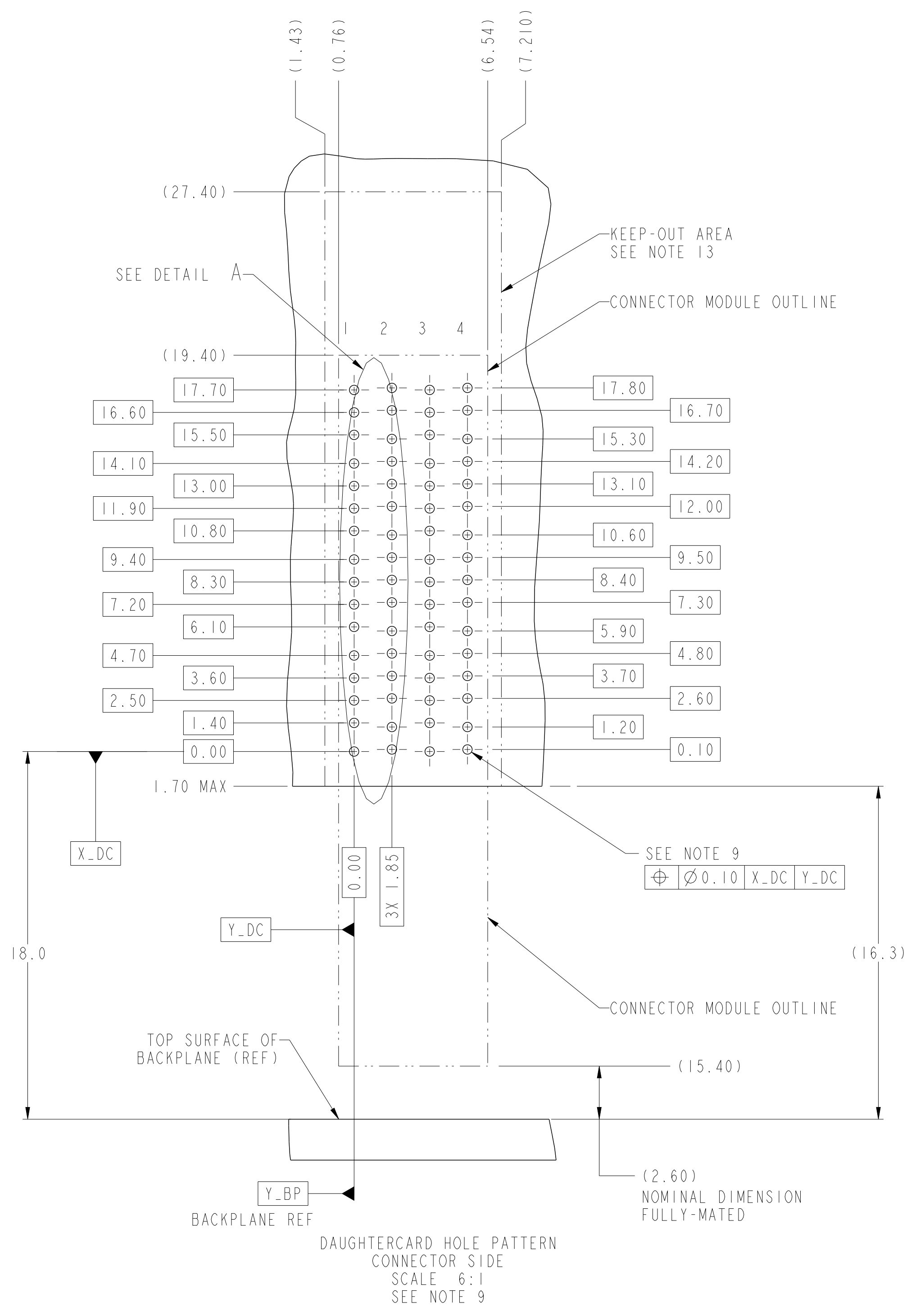


spec ref		SEE NOTES				dr		Jim Swain		2010/04/12		projection				mm		size		A2		scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Matthew Cheong		2011/10/07						ecn no		ELX-S-006502-1									
ASME Y14.5						chr		-		-								rel lev		Released							
						appr		Chen-Hong Tan		2011/10/07		product family		XCede													
surface				linear		0.X		±				title		RECEPT MODULE, RIGHT ANGLE						dwg no		10091844		rev		B	
				0.XX		±																					
				0.XXX		±																					
ASME Y14.5		angular		0°		±		°		www.fci.com		cat. no. SEE PART NUMBER TABLE		Product - Customer Drw						sheet 1 of 6							

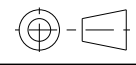


DETAIL A
SCALE 10:1
HIGH-SPEED DIFFERENTIAL PINOUT
SEE NOTE 9

spec ref	SEE NOTES	dr	Jim Swain	2010/04/12	projection	mm	size	A2	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Matthew Cheong	2011/10/07	chr	-	ecn no	ELX-S-006502-1	rel level	Released
ASME Y14.5		appr	Chen-Hong Tan	2011/10/07	product family	XCede	rel level	Released	rev	B
surface	linear	0.X	±	0.XX	±	0.XXX	±	0°	±	0°
ASME Y14.5	angular	0°	±	0°	±	0°	±	0°	±	0°
www.fci.com		cat. no. SEE PART NUMBER TABLE		Product - Customer Drw		sheet 2 of 6		PDS: Rev :B		STATUS:Released
PDS: Rev :B		STATUS:Released		Printed: Oct 07, 2011						

	I		2	3	4	5	6	7	8
	ASSEMBLY PART NUMBER	LEAD-FREE	MODULE DESCRIPTION AND USAGE NOTES	VERSION	IMPEDANCE	COMPLIANT TAIL STYLE AND PCB DRILL DIAMETER	DIM "K" (TAIL LENGTH)	REMARKS	
A	10091844-101	NO	SEE NOTES 6 & 14	HSD	100Ω	STANDARD 0.57 (.0225")	2.0	TELECORDIA CO	
	10091844-101LF	YES							
	10091844-111	NO	SEE NOTES 6 & 15						
10091844-111LF	YES								
10091844-501	NO	SEE NOTES 6 & 14	TELCORDIA UE						
10091844-501LF	YES								
10091844-511	NO	SEE NOTES 6 & 15							
10091844-511LF	YES								
B	10091844-102	NO	SEE NOTES 6 & 14	HSD	100Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO	
	10091844-102LF	YES							
	10091844-112	NO	SEE NOTES 6 & 15						
10091844-112LF	YES								
10091844-502	NO	SEE NOTES 6 & 14	TELCORDIA UE						
10091844-502LF	YES								
10091844-512	NO	SEE NOTES 6 & 15							
10091844-512LF	YES								
C	10091844-103	NO	SEE NOTES 6 & 14	LC	100Ω	STANDARD 0.57 (.0225")	2.0	TELECORDIA CO	
	10091844-103LF	YES							
	10091844-113	NO	SEE NOTES 6 & 15						
10091844-113LF	YES								
10091844-503	NO	SEE NOTES 6 & 14	TELCORDIA UE						
10091844-503LF	YES								
10091844-513	NO	SEE NOTES 6 & 15							
10091844-513LF	YES								
D	10091844-104	NO	SEE NOTES 6 & 14	LC	100Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO	
	10091844-104LF	YES							
	10091844-114	NO	SEE NOTES 6 & 15						
10091844-114LF	YES								
10091844-504	NO	SEE NOTES 6 & 14	TELCORDIA UE						
10091844-504LF	YES								
10091844-514	NO	SEE NOTES 6 & 15							
10091844-514LF	YES								
F	spec ref SEE NOTES tolerance std ASME Y14.5 surface ASME Y14.5 TOLERANCES UNLESS OTHERWISE SPECIFIED linear angular 0.X 0.XX 0.XXX 0° ±- ±- ±- ±° dr eng chr appr Jim Swain Matthew Cheong - Chen-Hong Tan 2010/04/12 2011/10/07 - 2011/10/07 projection mm product family XCode rel lev ct size A2 scale 2:1 ecn no ELX-S-006502-1 Released diag no 10091844 rev B www.fci.com cat. no. SEE PART NUMBER TABLE Product - Customer Drw sheet 3 of 6 PDS: Rev :B STATUS:Released Printed: Oct 07, 2011								

1		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 (SEE NOTE 11)					
	10091844-105	NO	SEE NOTES 6 & 14	HSD	85Ω	STANDARD 0.57 (.0225")	2.0	TELECORDIA CO		ATTRIBUTE	STANDARD TAIL	MICRO TAIL			
	10091844-105LF	YES								DRILL SIZE	Ø0.57 (.0225")	Ø0.45 (.0177")			
	10091844-115	NO	SEE NOTES 6 & 15					TELCORDIA UE		PTH	Ø0.46±0.05	Ø0.36±0.05			
	10091844-115LF	YES								PAD SEE NOTE 8	Ø0.88	Ø0.75			
	10091844-505	NO	SEE NOTES 6 & 14					MIN PCB THICKNESS		1.60	1.10				
	10091844-505LF	YES													
	10091844-515	NO	SEE NOTES 6 & 15												
	10091844-515LF	YES													
B	10091844-106	NO	SEE NOTES 6 & 14	HSD	85Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO							
	10091844-106LF	YES							TELECORDIA UE						
	10091844-116	NO	SEE NOTES 6 & 15												
	10091844-116LF	YES						SEE NOTES 6 & 14							
	10091844-506	NO	SEE NOTES 6 & 15												
	10091844-506LF	YES						SEE NOTES 6 & 14							
	10091844-516	NO	SEE NOTES 6 & 15												
	10091844-516LF	YES						SEE NOTES 6 & 14							
	C	10091844-107 	NO	SEE NOTES 6 & 14	LC	85Ω	STANDARD 0.57 (.0225")		2.0	TELECORDIA CO					
10091844-107LF 		YES	TELECORDIA UE												
10091844-117 		NO		SEE NOTES 6 & 15											
10091844-117LF 		YES	SEE NOTES 6 & 14												
10091844-507 		NO		SEE NOTES 6 & 15											
10091844-507LF 		YES	SEE NOTES 6 & 14												
10091844-517 		NO		SEE NOTES 6 & 15											
10091844-517LF 		YES	SEE NOTES 6 & 14												
D		10091844-108 		NO	SEE NOTES 6 & 14	LC	85Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO					
	10091844-108LF 	YES	TELECORDIA UE												
	10091844-118 	NO		SEE NOTES 6 & 15											
	10091844-118LF 	YES	SEE NOTES 6 & 14												
	10091844-508 	NO		SEE NOTES 6 & 15											
	10091844-508LF 	YES	SEE NOTES 6 & 14												
	10091844-518 	NO		SEE NOTES 6 & 15											
	10091844-518LF 	YES	SEE NOTES 6 & 15												

spec ref		SEE NOTES			dr		Jim Swain		2010/04/12		projection				mm		size		A2		scale		2:1								
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Matthew Cheong		2011/10/07				title		RECEPT MODULE, RIGHT ANGLE 4 COLUMN, 4 PAIR		dwg no		10091844		rev		B								
ASME Y14.5					chr		-		-																						
					appr		Chen-Hong Tan		2011/10/07																product family		XCede		rel lev		Ct
surface		- /		linear		0.X		±																							
						0.XX		±																							
						0.XXX		±																							
ASME Y14.5				angular		0°		±		°		www.fci.com		cat. no. SEE PART NUMBER TABLE		Product - Customer Drw				sheet 4 of 6											

A

B

C

D

E

F

A

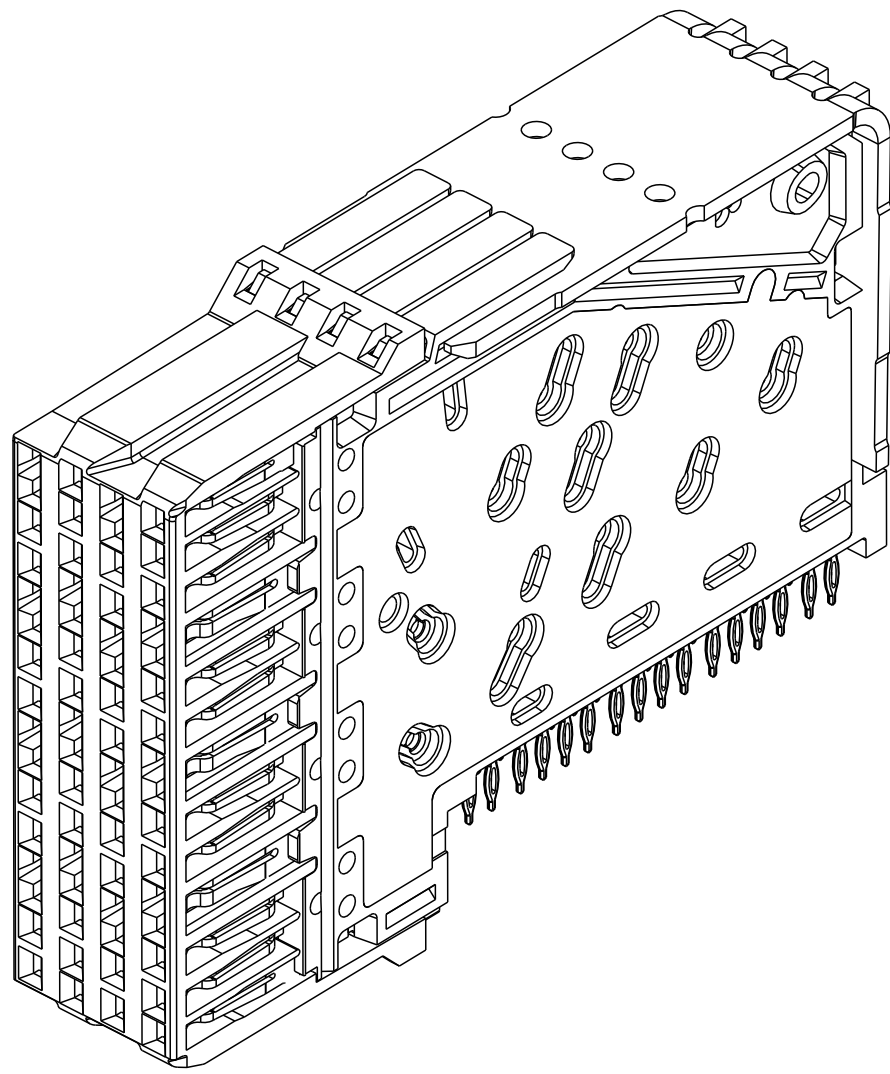
B

C

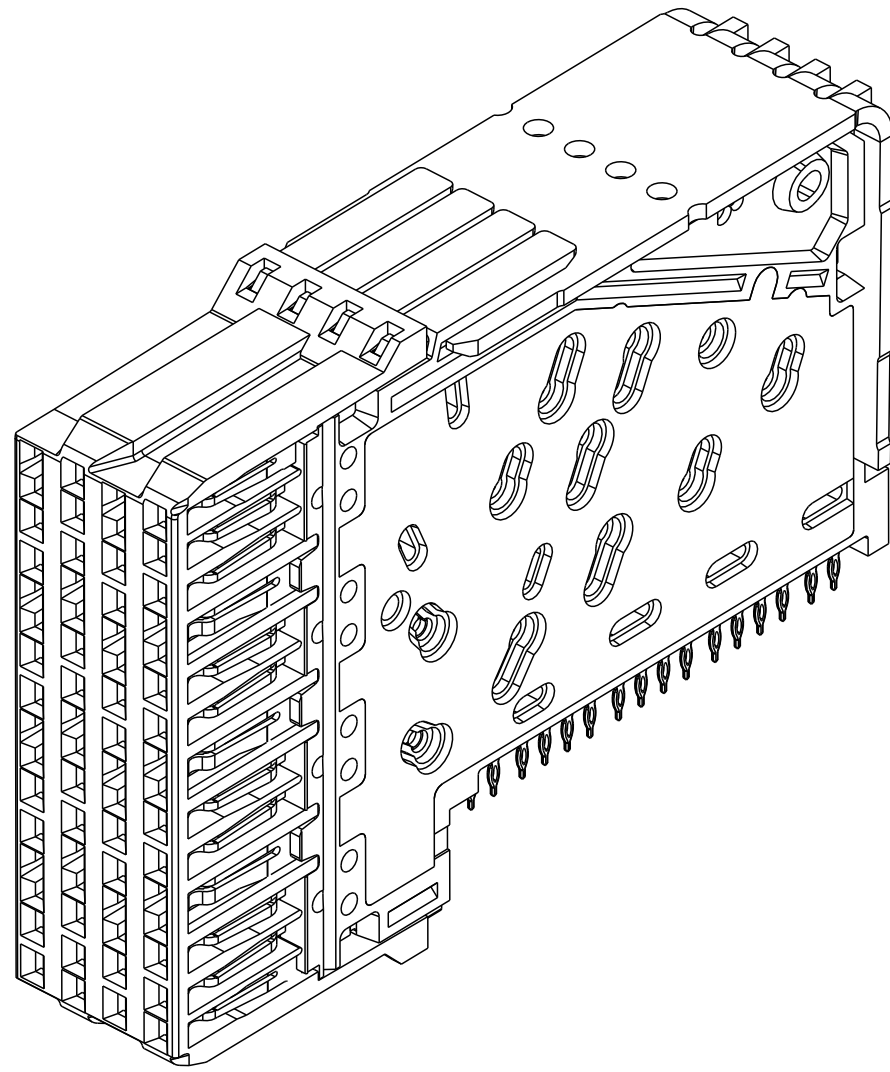
D

E

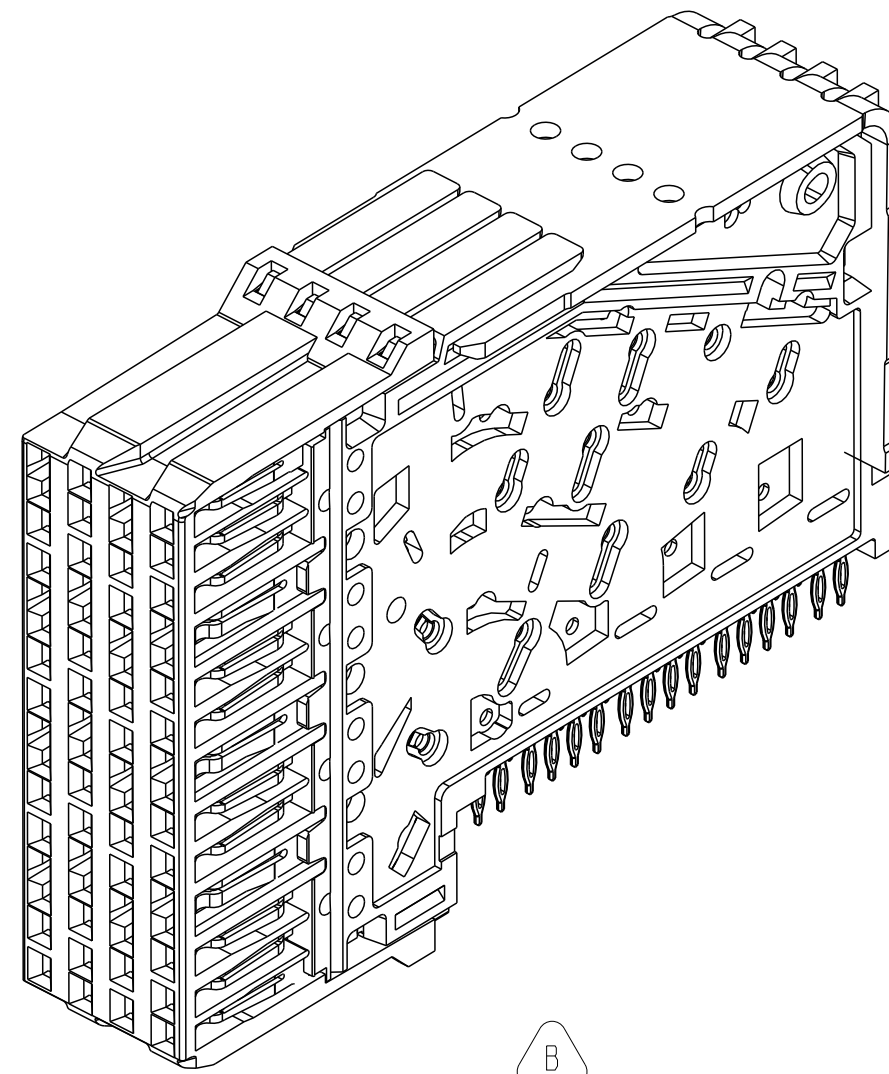
F



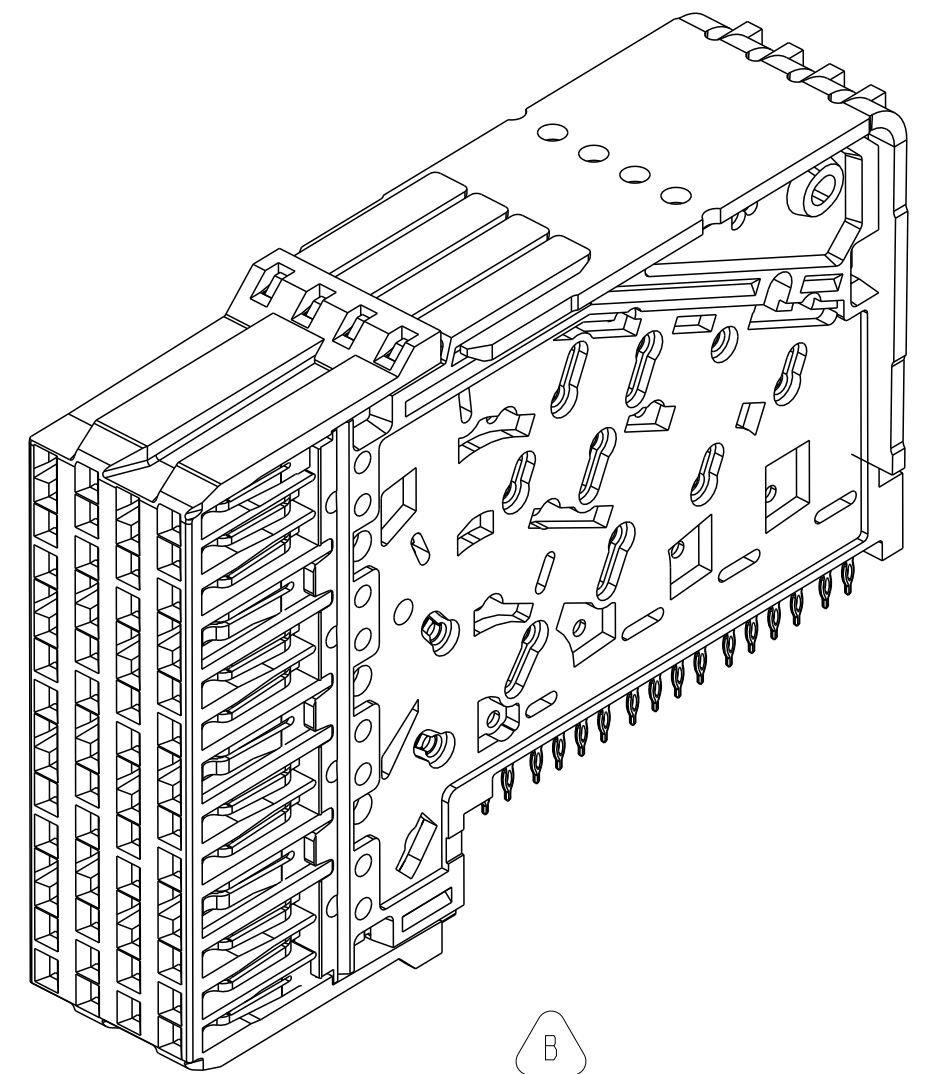
10091844-X01 & -X05
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 14



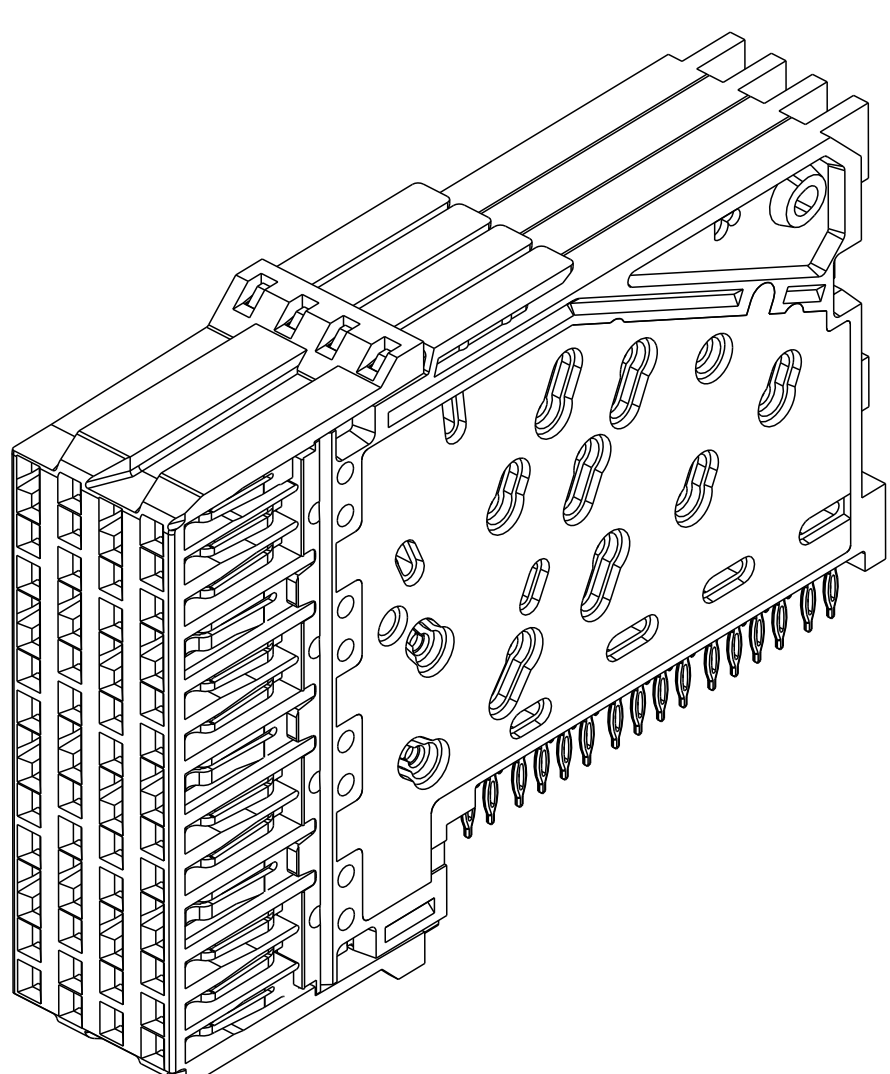
10091844-X02 & X06
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



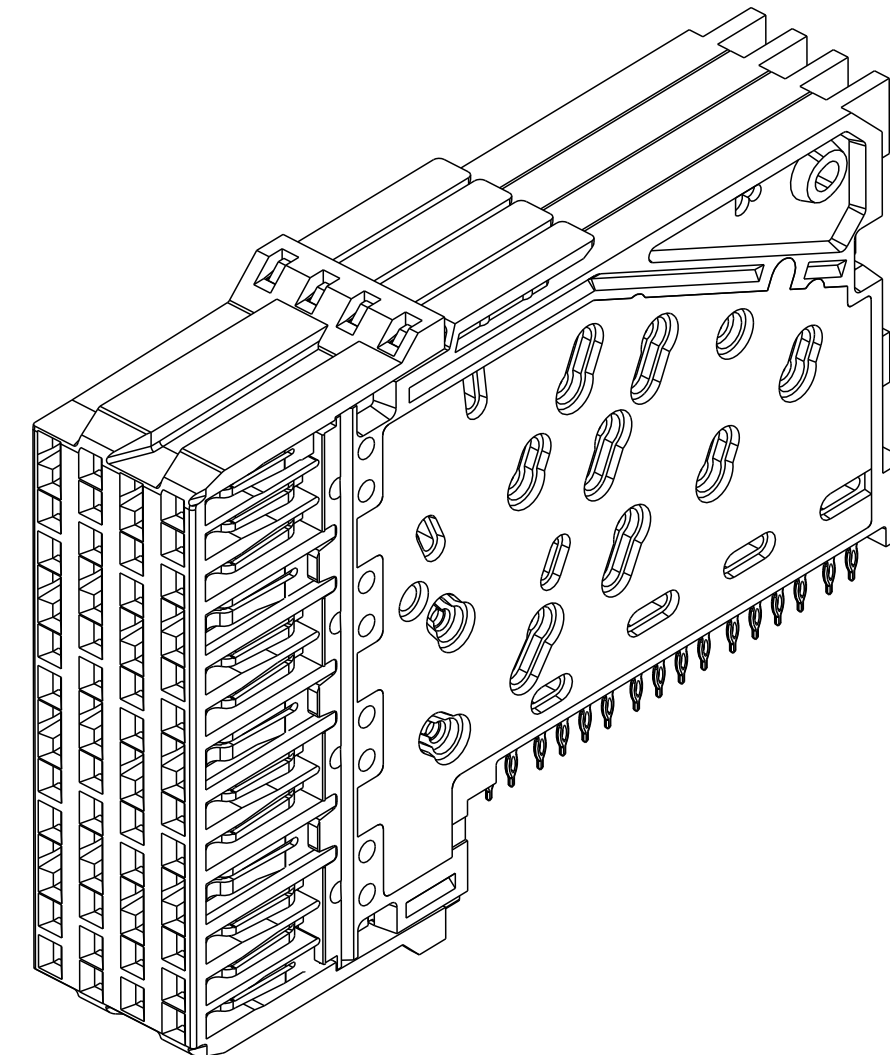
10091844-X03 & -X07
LC / 100Ω & 85Ω / STD EON
SEE NOTE 14



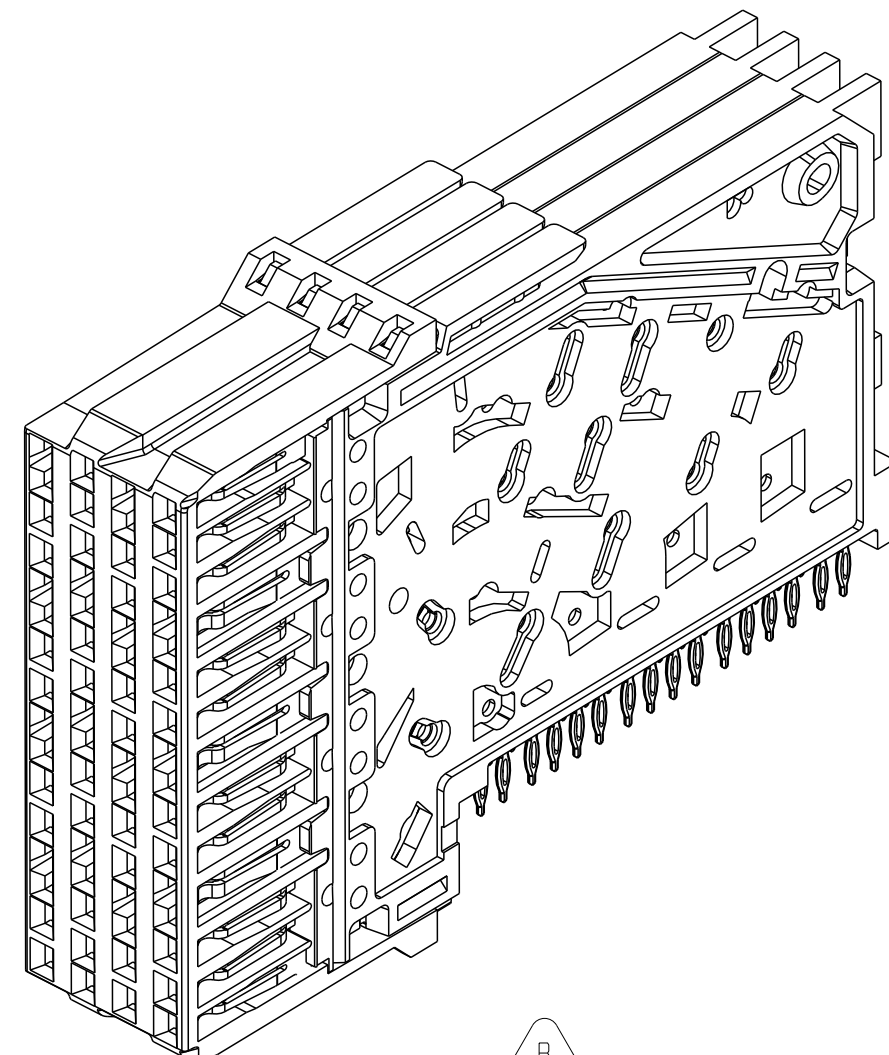
10091844-X04 & -X08
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



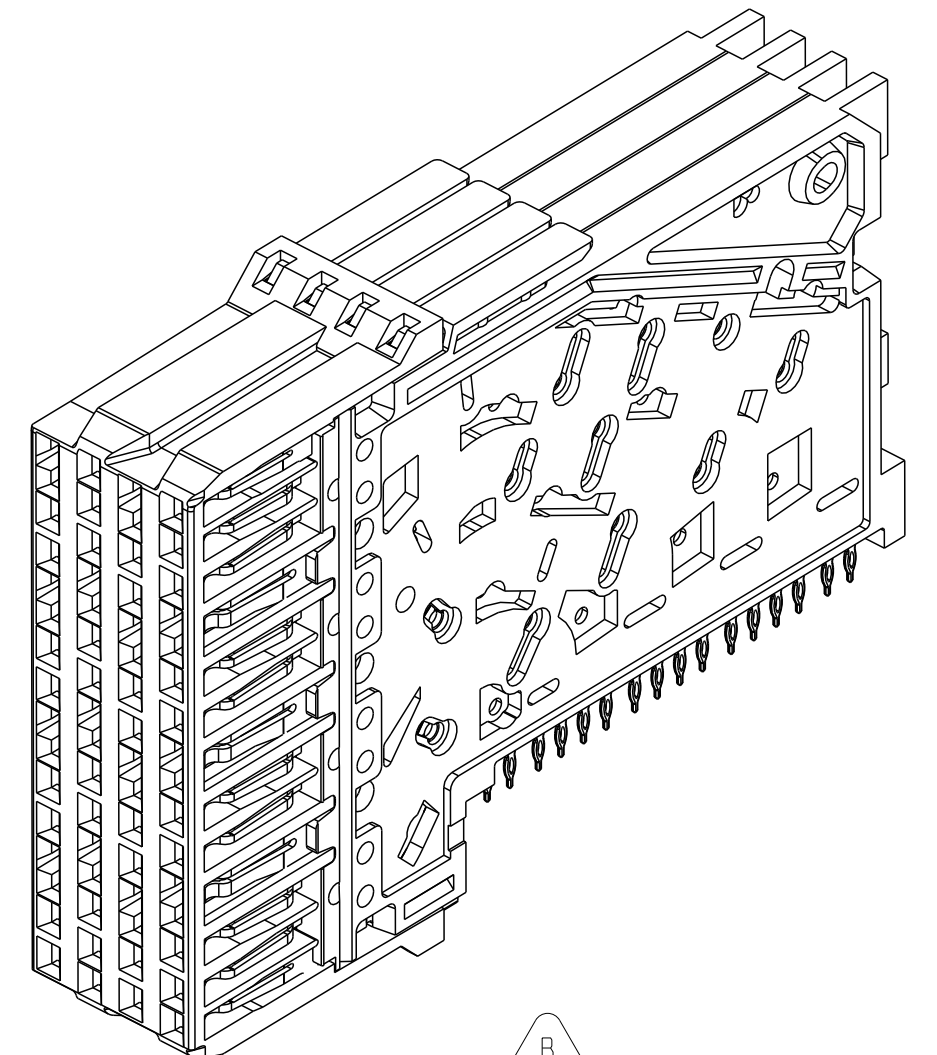
10091844-X11 & -X15
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 15



10091844-X12 & X16
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 15



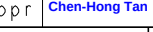
10091844-X13 & -X17
LC / 100Ω & 85Ω / STD EON
SEE NOTE 15



10091844-X14 & -X18
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 15



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spec ref		SEE NOTES			dr Jim Swain 2010/04/12		projection		size		scale	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Matthew Cheong 2011/10/07				mm		A2 4:1	
ASME Y14.5												
					chr - -				ecn no ELX-S-006502-1			
					appr Chen-Hong Tan 2011/10/07		product family		XCede		rel lev Ct Released	
surface 		linear		0.X ±			title RECEPT MODULE, RIGHT ANGLE 4 COLUMN, 4 PAIR		dwg no 10091844		rev B	
		0.XX ±										
		0.XXX ±										
ASME Y14.5		angular		0° ±	www.fci.com		cat. no. SEE PART NUMBER TABLE		Product - Customer Drw		sheet 5 of 6	

PDS: Rev :B

STATUS:Released

Printed: Oct 07, 2011



NOTES:

1. CONNECTOR MATERIALS:

HOUSING: THERMOPLASTIC, GRAY, UL 94V-0
WAFERS: 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 (ISSUE 2, DEC 2008) 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. REQUIREMENTS APPLY TO THE MAJORITY OF PCB FINISHES. SEE APPLICATION SPECIFICATION GS-20-121 FOR ADDITIONAL DETAILS AND EXCEPTIONS FOR LEAD-FREE HASL AND IMMERSION SILVER FINISHES.

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 **B** 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	2010/04/12	projection		mm	size	A2	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2011/10/07				ecn no	ELX-S-006502-1			
ASME Y14.5				chr	-	-	appr	Chen-Hong Tan	2011/10/07	product family		XCede	rel lev	Cl
surface	linear	0.X	±-		title	RECEPT MODULE, RIGHT ANGLE 4 COLUMN, 4 PAIR			dwg no	10091844			rev	B
		0.XX	±-											
		0.XXX	±-											
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no. SEE PART NUMBER TABLE		Product - Customer Drw			sheet 6 of 6				

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[10091844-108LF](#) [10091844-101LF](#) [10091844-105LF](#) [10091844-107LF](#) [10091844-102LF](#) [10091844-106LF](#)
[10091844-104LF](#) [10091844-103LF](#)