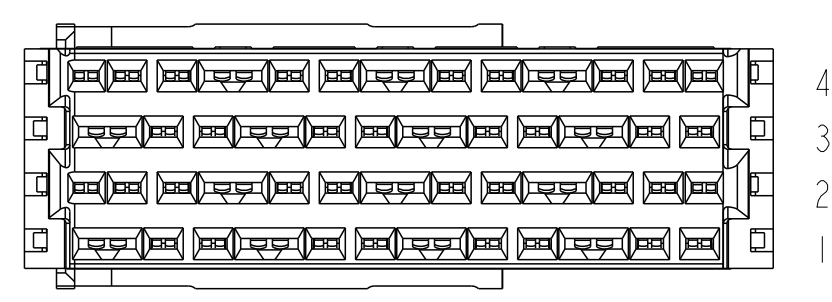
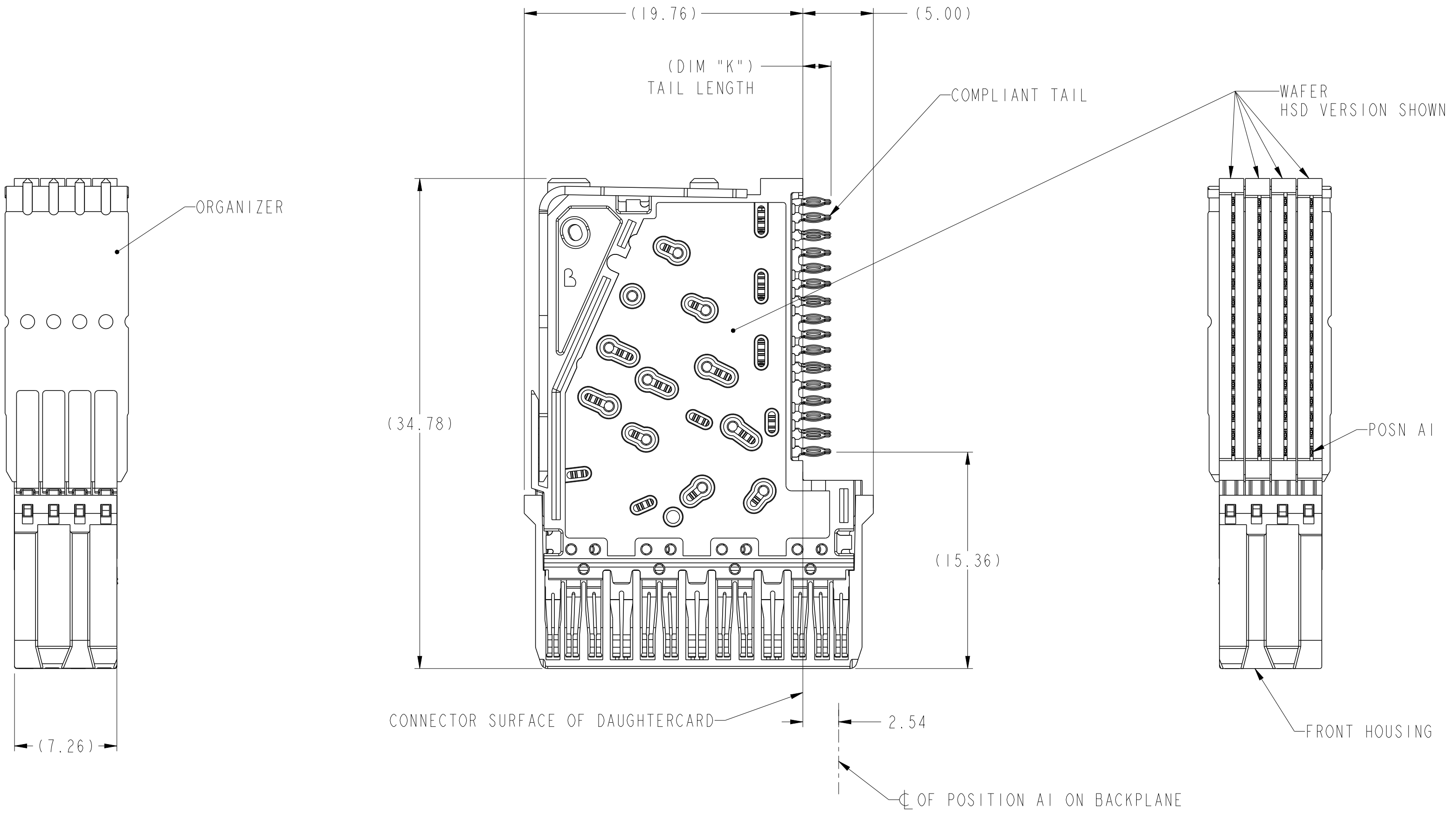
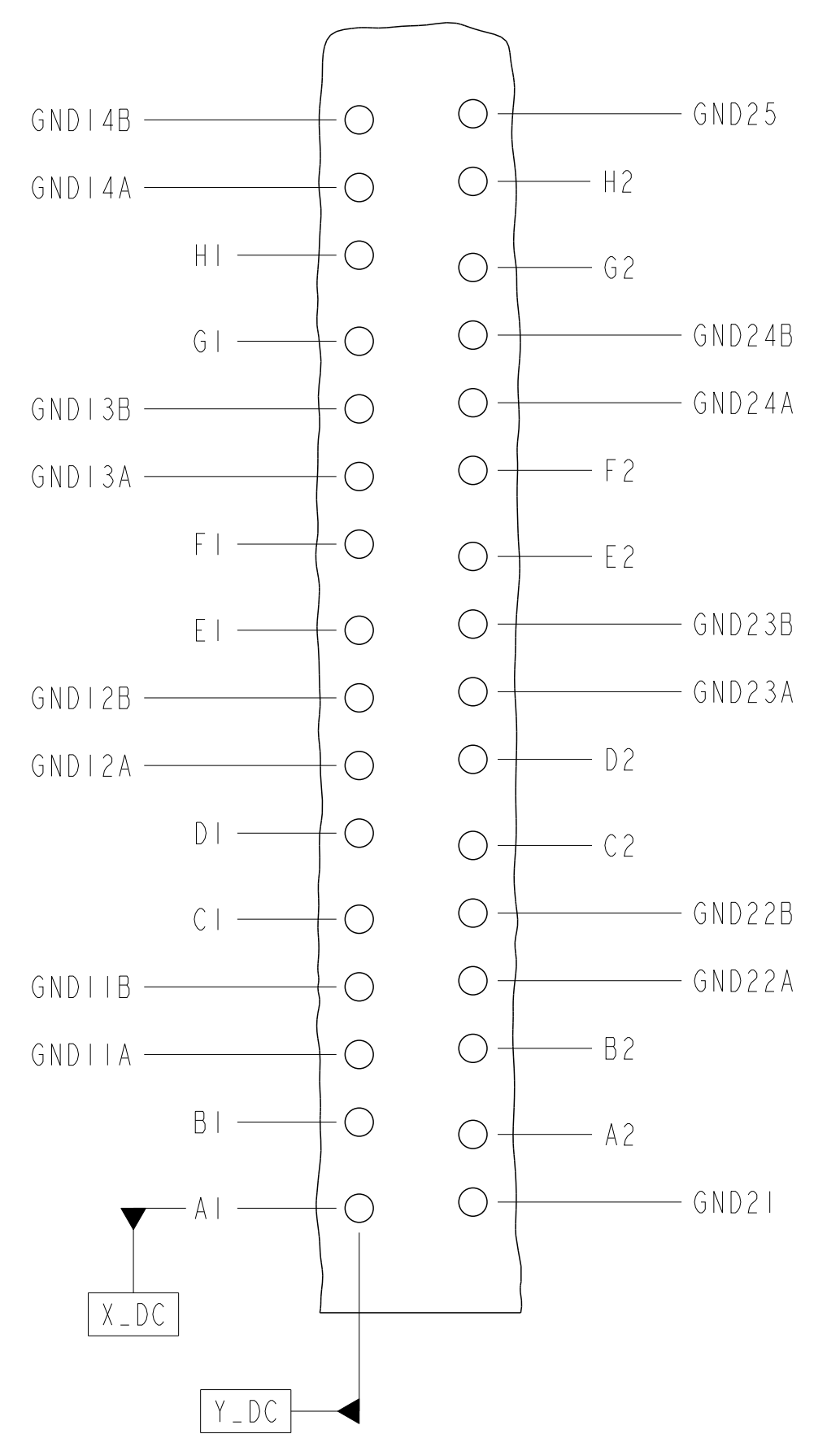
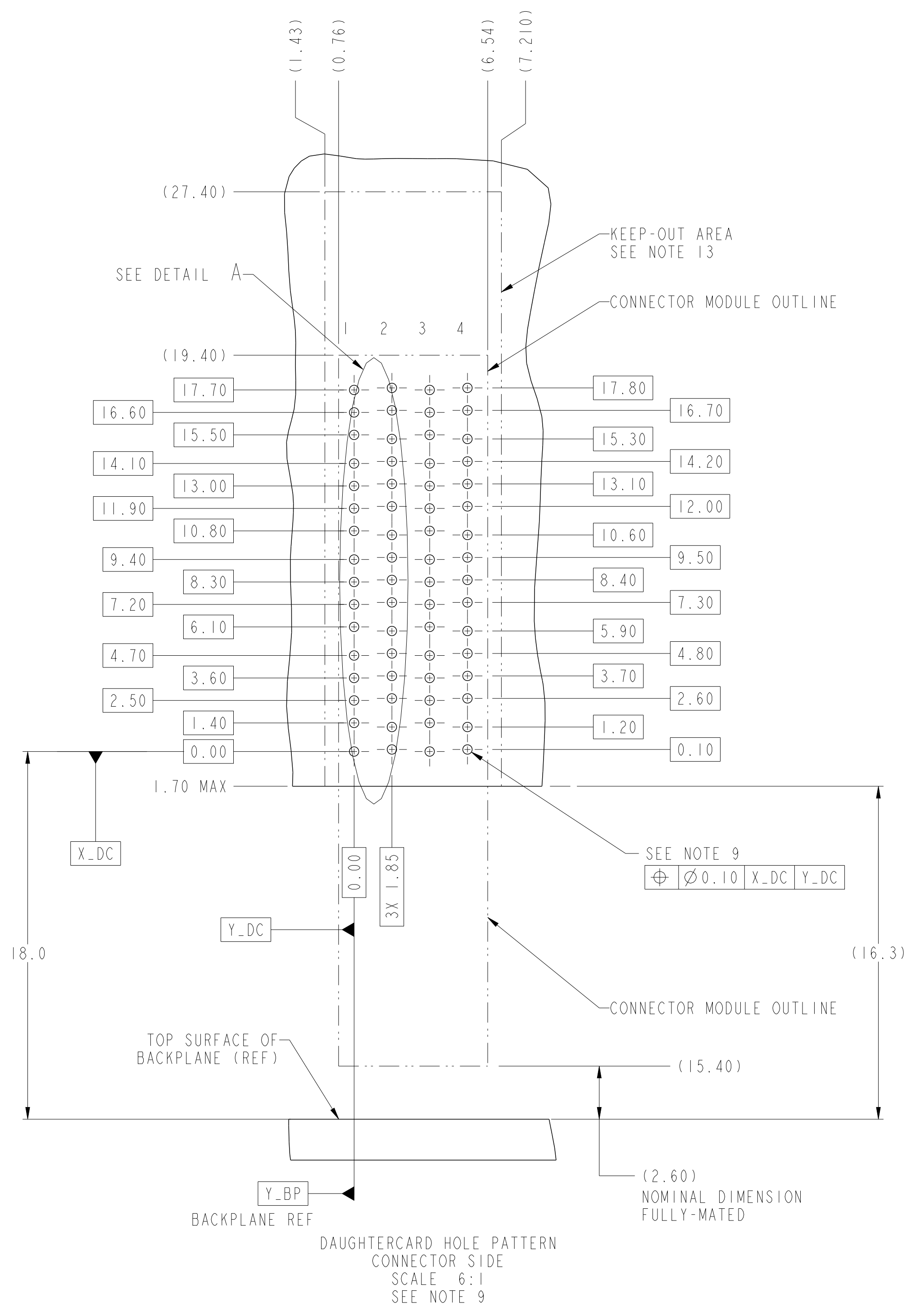




spec ref		SEE NOTES			dr Jim Swain		2010/04/12		projection		mm		size A2		scale 2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Matthew Cheong		2011/10/07						ecn no ELX-S-006502-1			
ASME Y14.5					chr -		-						rel lev Cr Released			
		appr Chen-Hong Tan		2011/10/07		product family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

A	1		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									
	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													TELCORDIA UE
		10091844-112LF	YES														
		10091844-502	NO	SEE NOTES 6 & 14													
		10091844-502LF	YES														
	C	10091844-512	NO	SEE NOTES 6 & 15													
		10091844-512LF	YES														
		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	TELCORDIA UE													
10091844-113LF		YES															
10091844-503	NO	SEE NOTES 6 & 14															
10091844-503LF	YES																
D	10091844-513	NO	SEE NOTES 6 & 15														
	10091844-513LF	YES															
	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					TELCORDIA UE									
	10091844-114LF	YES															
10091844-504	NO	SEE NOTES 6 & 14															
10091844-504LF	YES																
E	10091844-514	NO	SEE NOTES 6 & 15														
	10091844-514LF	YES															
F																	

FCI

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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	ct	Released			
surface		linear	0.X	±-		title	RECEPT MODULE, RIGHT ANGLE			diag no	10091844		rev
			0.XX	±-									
			0.XXX	±-									
ASME Y14.5	angular	0°	±°	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)	ATTRIBUTE	STANDARD TAIL	MICRO TAIL	A				
	10091844-105	NO	SEE NOTES 6 & 14	HSD	85Ω	STANDARD 0.57 (.0225")	2.0	TELECORDIA CO		DRILL SIZE	Ø0.57 (.0225")	Ø0.45 (.0177")					
	10091844-105LF	YES								PTH	Ø0.46±0.05	Ø0.36±0.05					
	10091844-115	NO	SEE NOTES 6 & 15							TELCORDIA UE	PAD SEE NOTE 8	Ø0.88		Ø0.75			
	10091844-115LF	YES									MIN PCB THICKNESS	1.60		1.10			
	10091844-505	NO	SEE NOTES 6 & 14								HSD	85Ω		MICRO 0.45 (.0177")	1.3	TELECORDIA CO	TELECORDIA UE
	10091844-505LF	YES															
	10091844-515	NO	SEE NOTES 6 & 15														
10091844-515LF	YES																
10091844-106	NO	SEE NOTES 6 & 14															
10091844-106LF	YES																
10091844-116	NO	SEE NOTES 6 & 15															
10091844-116LF	YES																
B <td>10091844-506</td> <td>NO</td> <td rowspan="2">SEE NOTES 6 & 14</td> <td rowspan="8">LC</td> <td rowspan="8">85Ω</td> <td rowspan="8">STANDARD 0.57 (.0225")</td> <td rowspan="8">2.0</td> <td rowspan="8">TELECORDIA CO</td> <td rowspan="8">TELECORDIA UE</td>	10091844-506	NO	SEE NOTES 6 & 14	LC	85Ω	STANDARD 0.57 (.0225")	2.0	TELECORDIA CO	TELECORDIA UE								
	10091844-506LF	YES															
	10091844-516	NO	SEE NOTES 6 & 15														
	10091844-516LF	YES															
	10091844-107	NO	SEE NOTES 6 & 14							LC	85Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO	TELECORDIA UE		
	10091844-107LF	YES															
	10091844-117	NO	SEE NOTES 6 & 15														
	10091844-117LF	YES															
10091844-507	NO	SEE NOTES 6 & 14															
10091844-507LF	YES																
10091844-517	NO	SEE NOTES 6 & 15															
10091844-517LF	YES																
C <td>10091844-108</td> <td>NO</td> <td rowspan="2">SEE NOTES 6 & 14</td> <td rowspan="8">LC</td> <td rowspan="8">85Ω</td> <td rowspan="8">MICRO 0.45 (.0177")</td> <td rowspan="8">1.3</td> <td rowspan="8">TELECORDIA CO</td> <td rowspan="8">TELECORDIA UE</td>	10091844-108	NO	SEE NOTES 6 & 14	LC	85Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO	TELECORDIA UE								
	10091844-108LF	YES															
	10091844-118	NO	SEE NOTES 6 & 15														
	10091844-118LF	YES															
	10091844-508	NO	SEE NOTES 6 & 14														
	10091844-508LF	YES															
	10091844-518	NO	SEE NOTES 6 & 15														
	10091844-518LF	YES															
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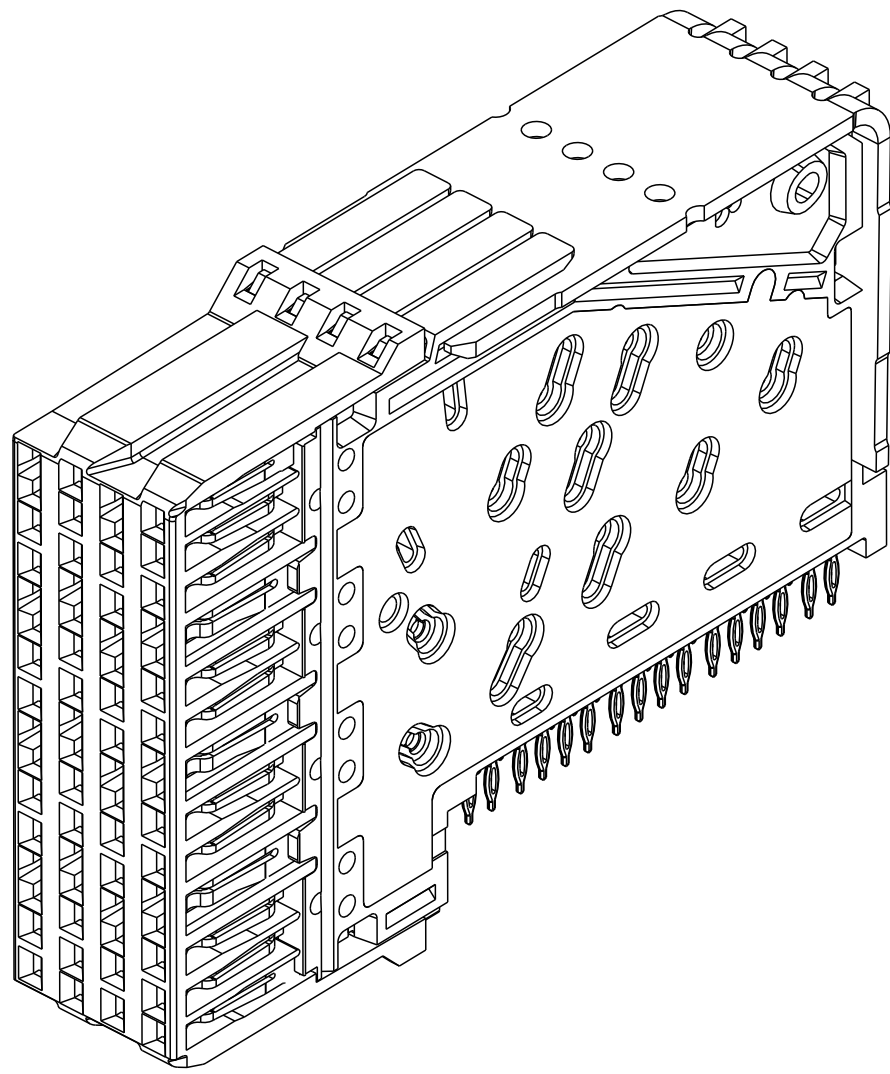
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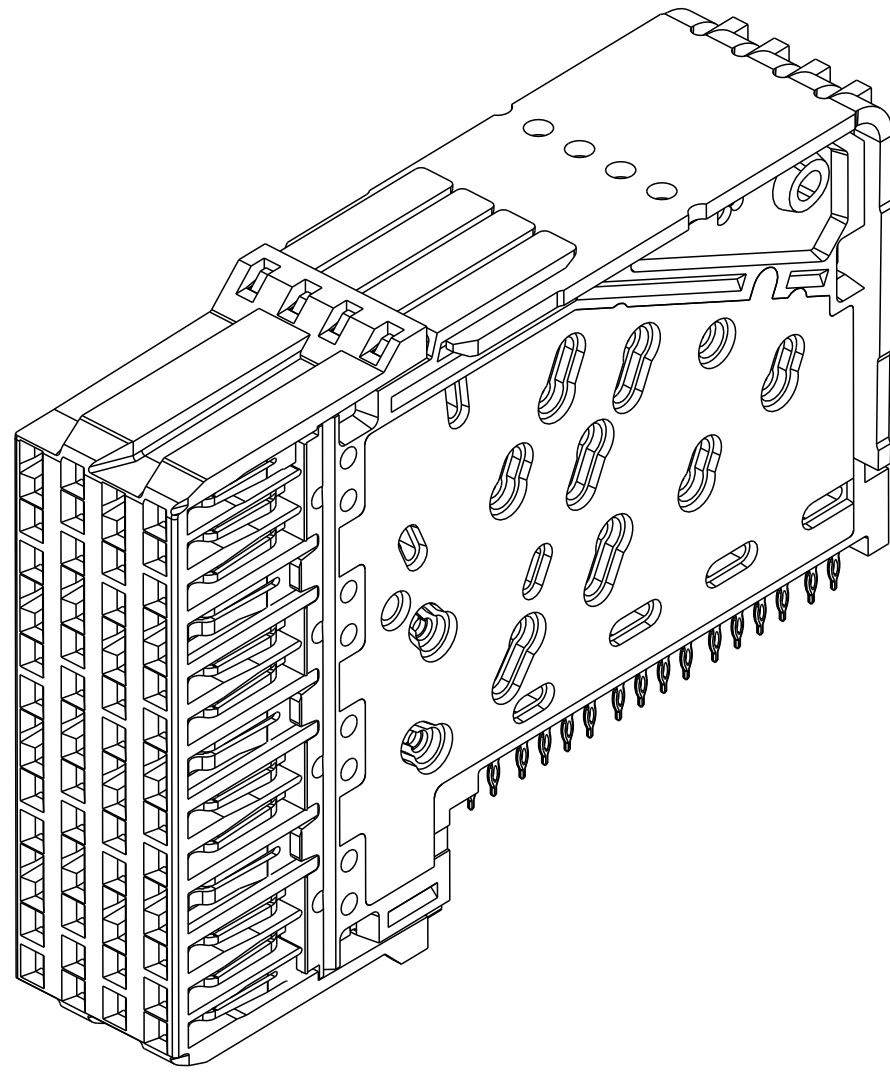
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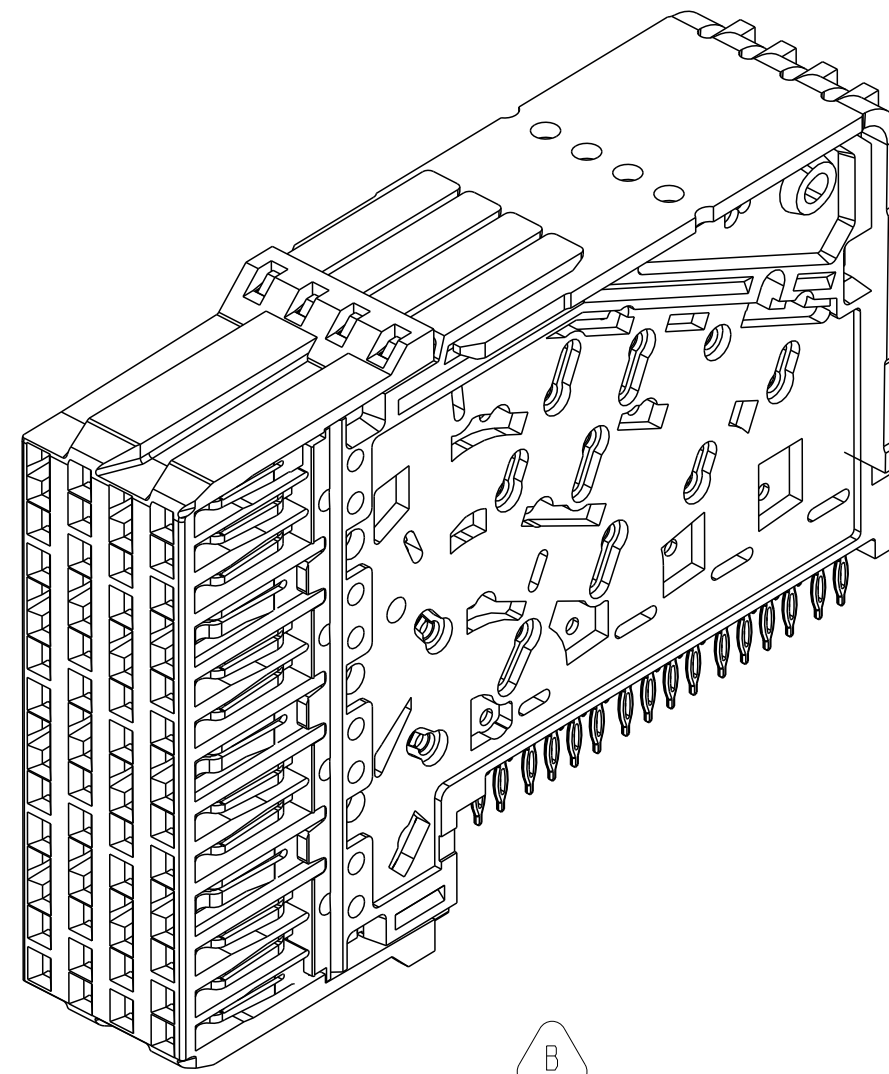
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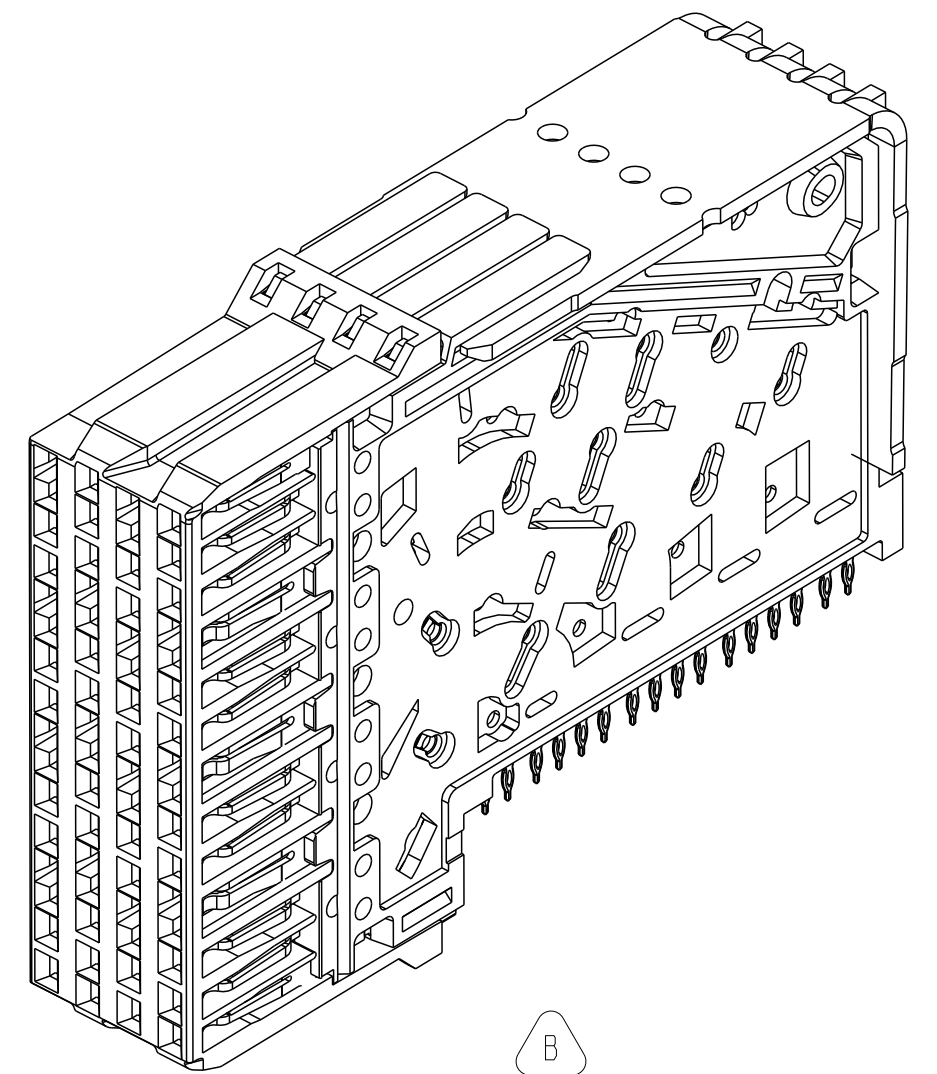
10091844-X01 & -X05
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 14



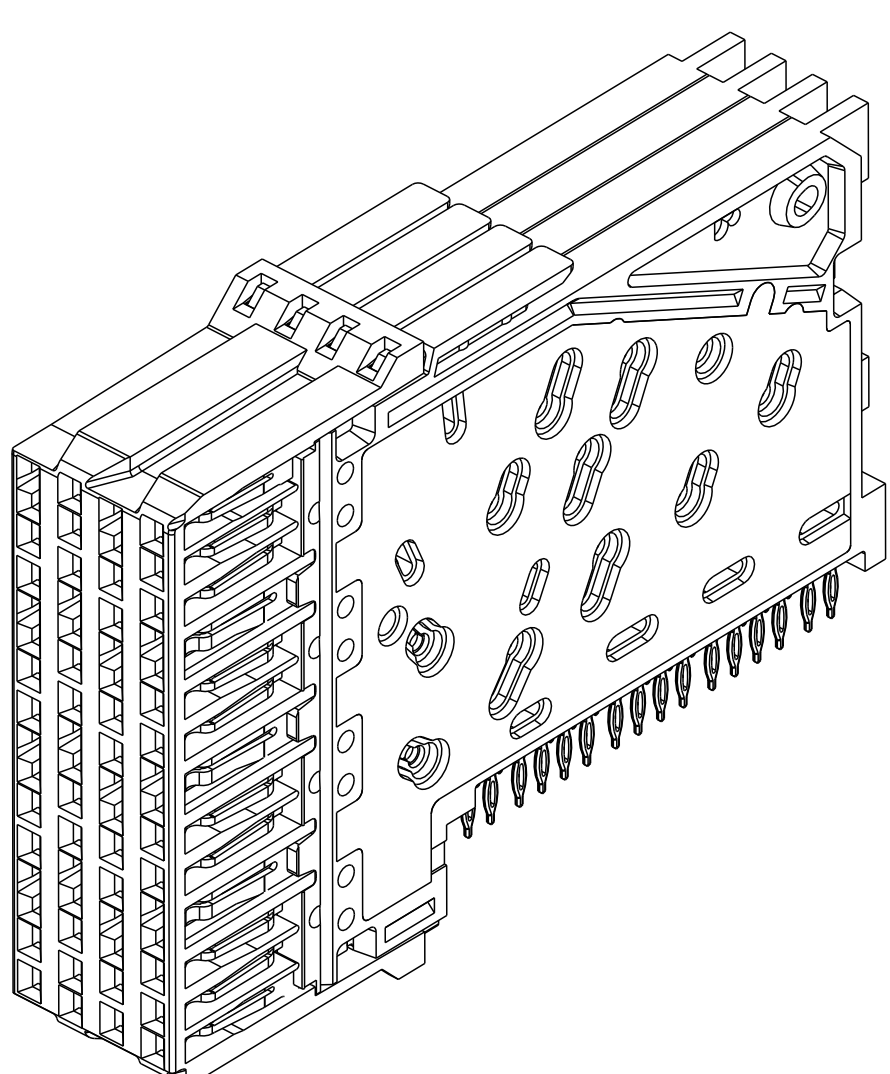
10091844-X02 & X06
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



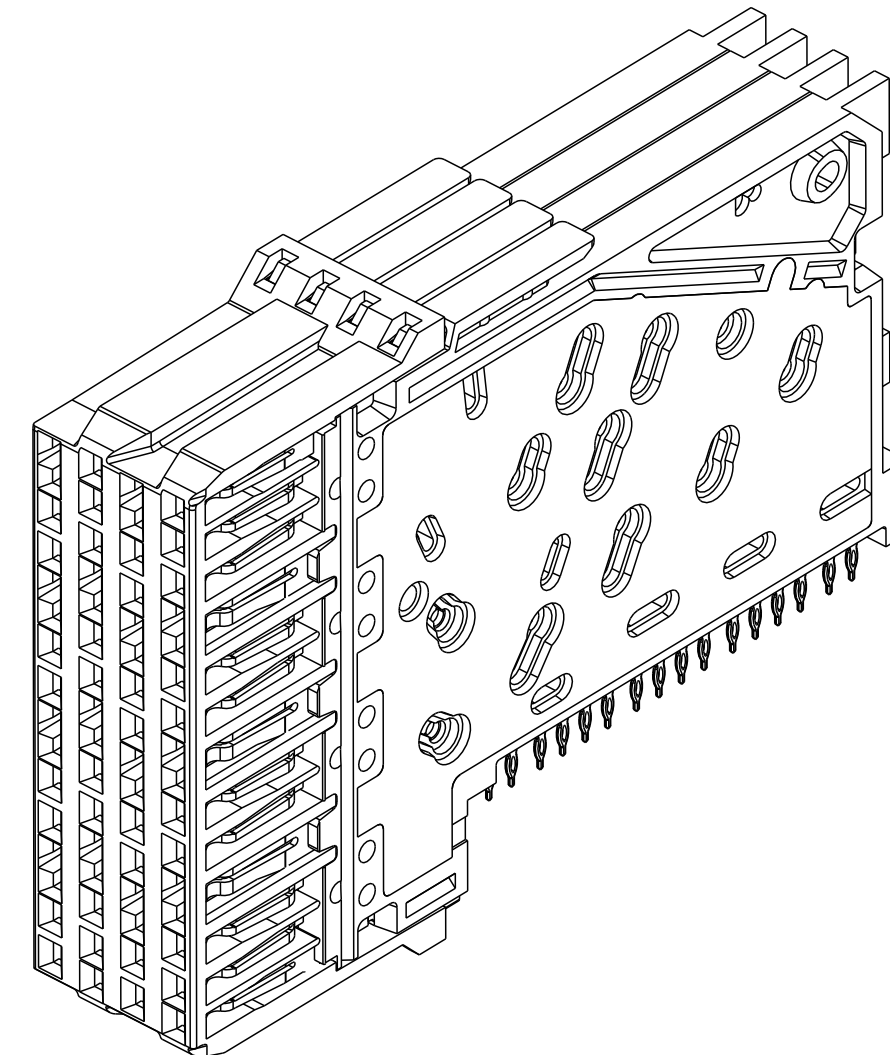
10091844-X03 & -X07
LC / 100Ω & 85Ω / STD EON
SEE NOTE 14



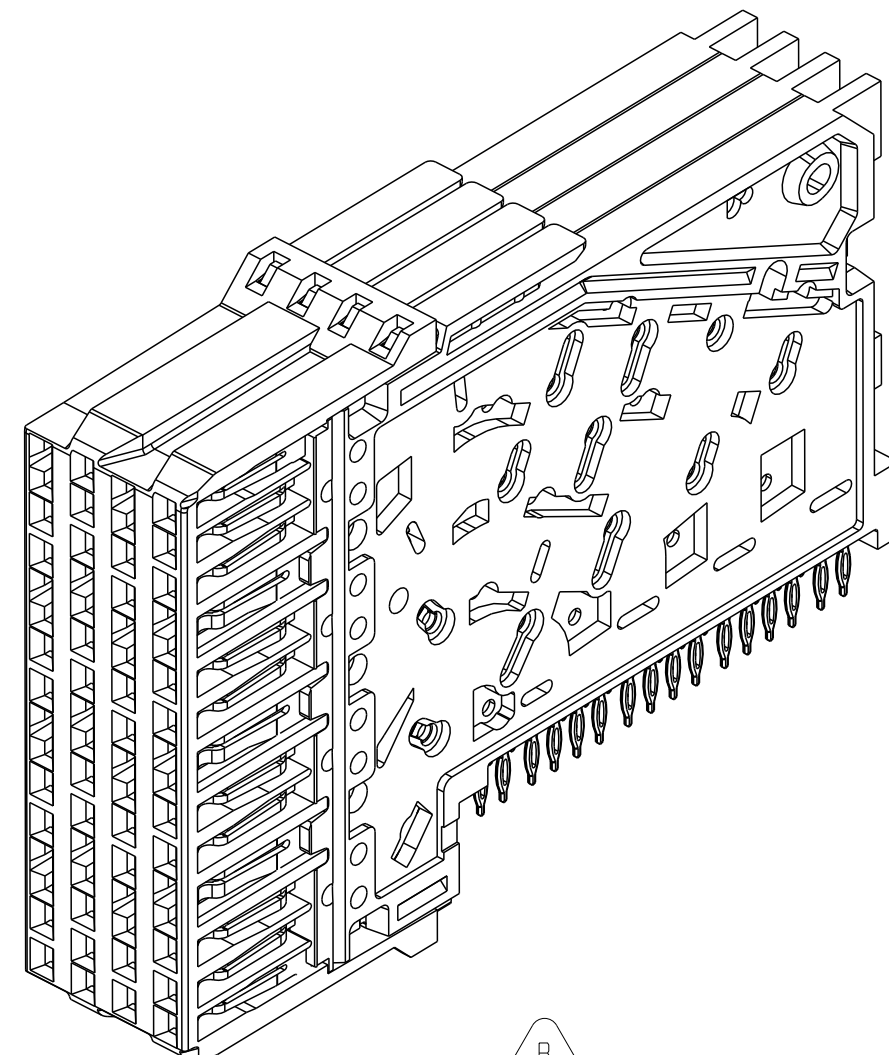
10091844-X04 & -X08
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



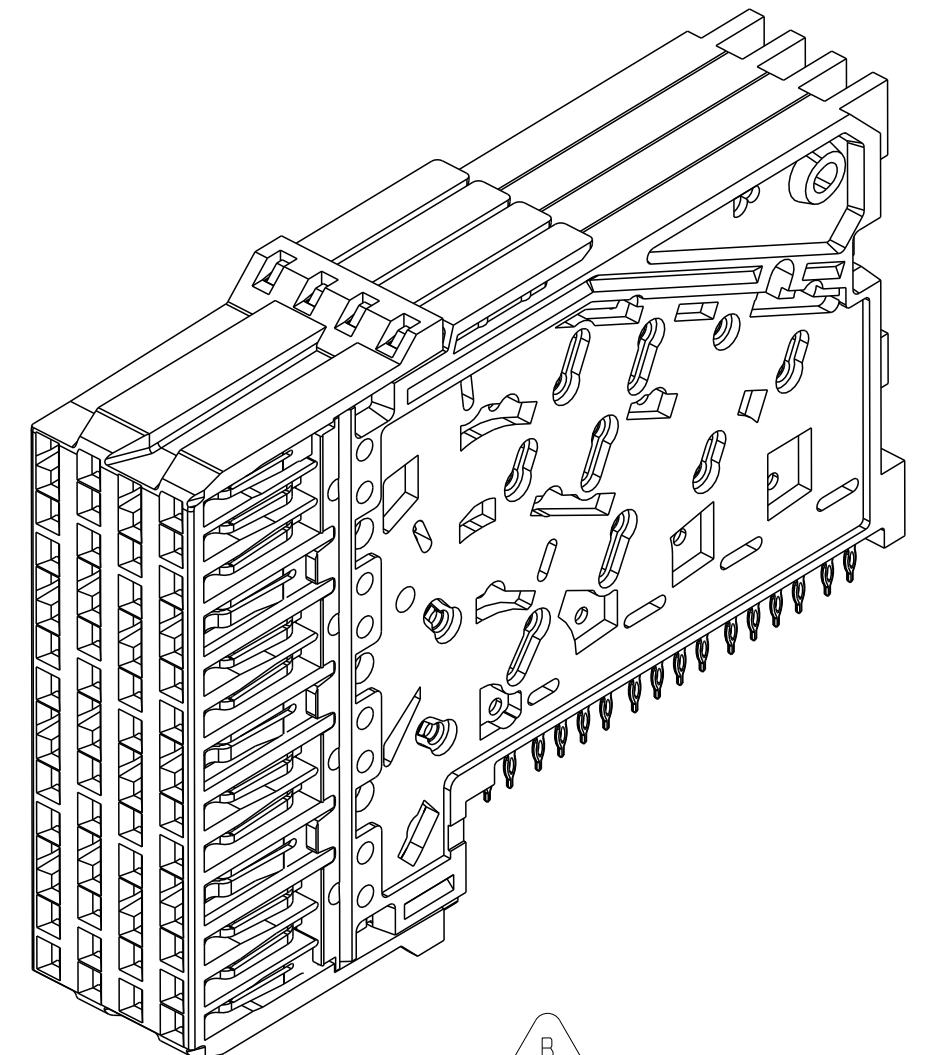
10091844-X11 & -X15
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 15



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		mm		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Matthew Cheong		2011/10/07				mm		ecn no		ELX-S-006502-1		rel lev		Released	
ASME Y14.5				chr		-		-													
				appr		Chen-Hong Tan		2011/10/07													
surface						title		RECEPT MODULE, RIGHT ANGLE 4 COLUMN, 4 PAIR		dwg no				10091844		rev		B			
ASME Y14.5		linear		0.X		±															
				0.XX		±															
				0.XXX		±															
		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.

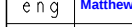
12. PACKAGING MEETS FCI SPECIFICATION GS-14-920 FOR LEAD-FREE LABELING.

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

Mouser Electronics

Authorized Distributor

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