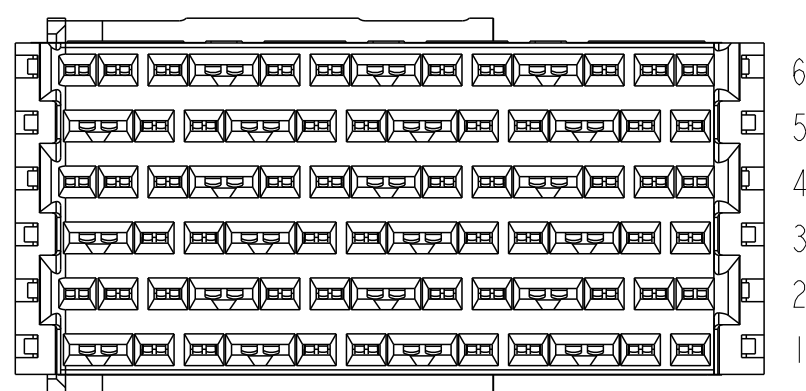
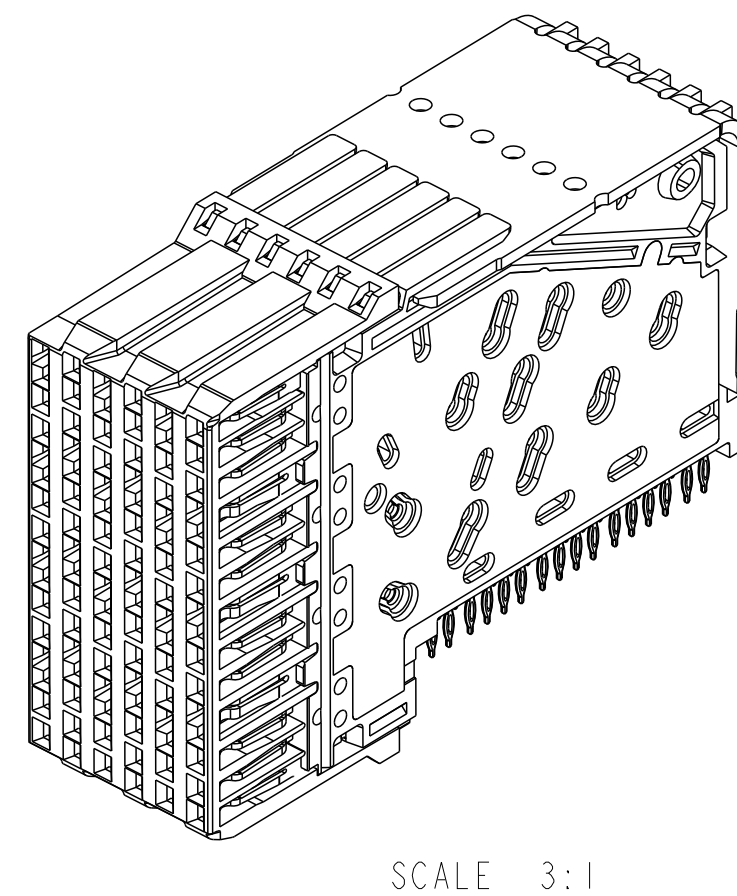
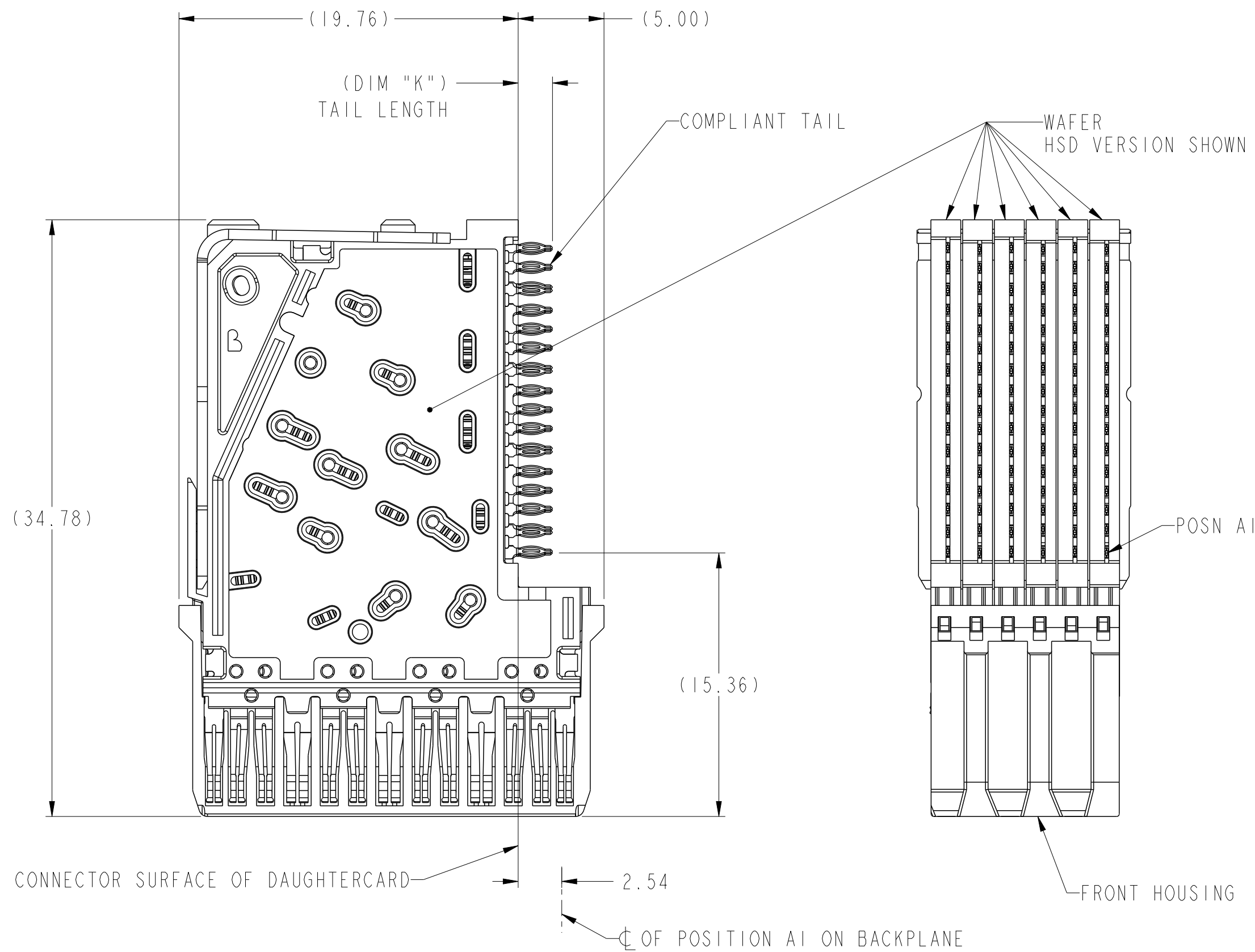
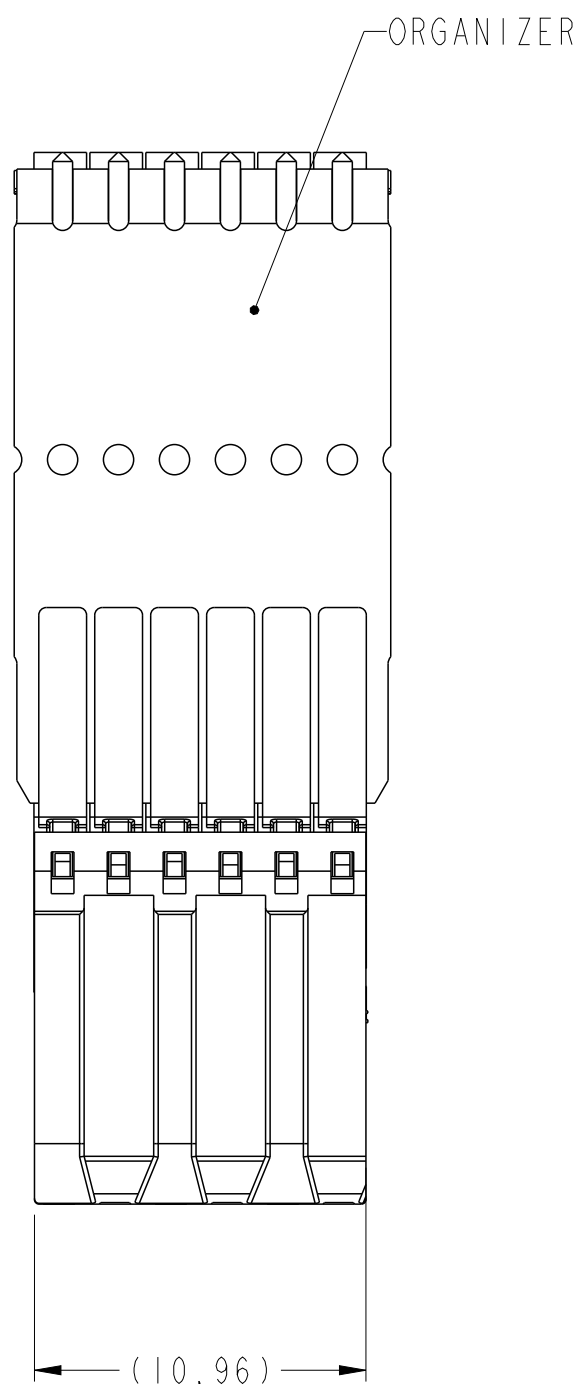
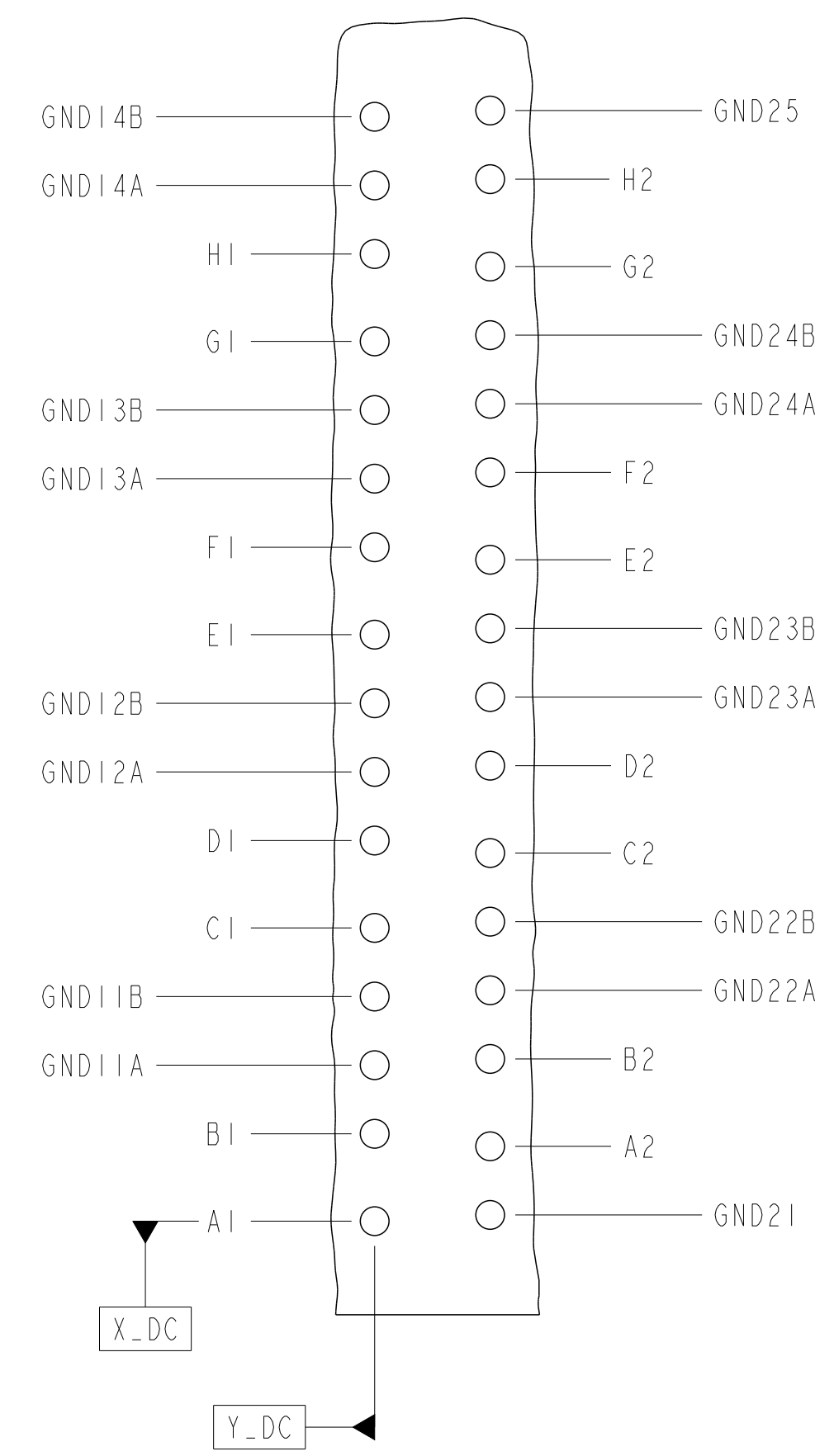
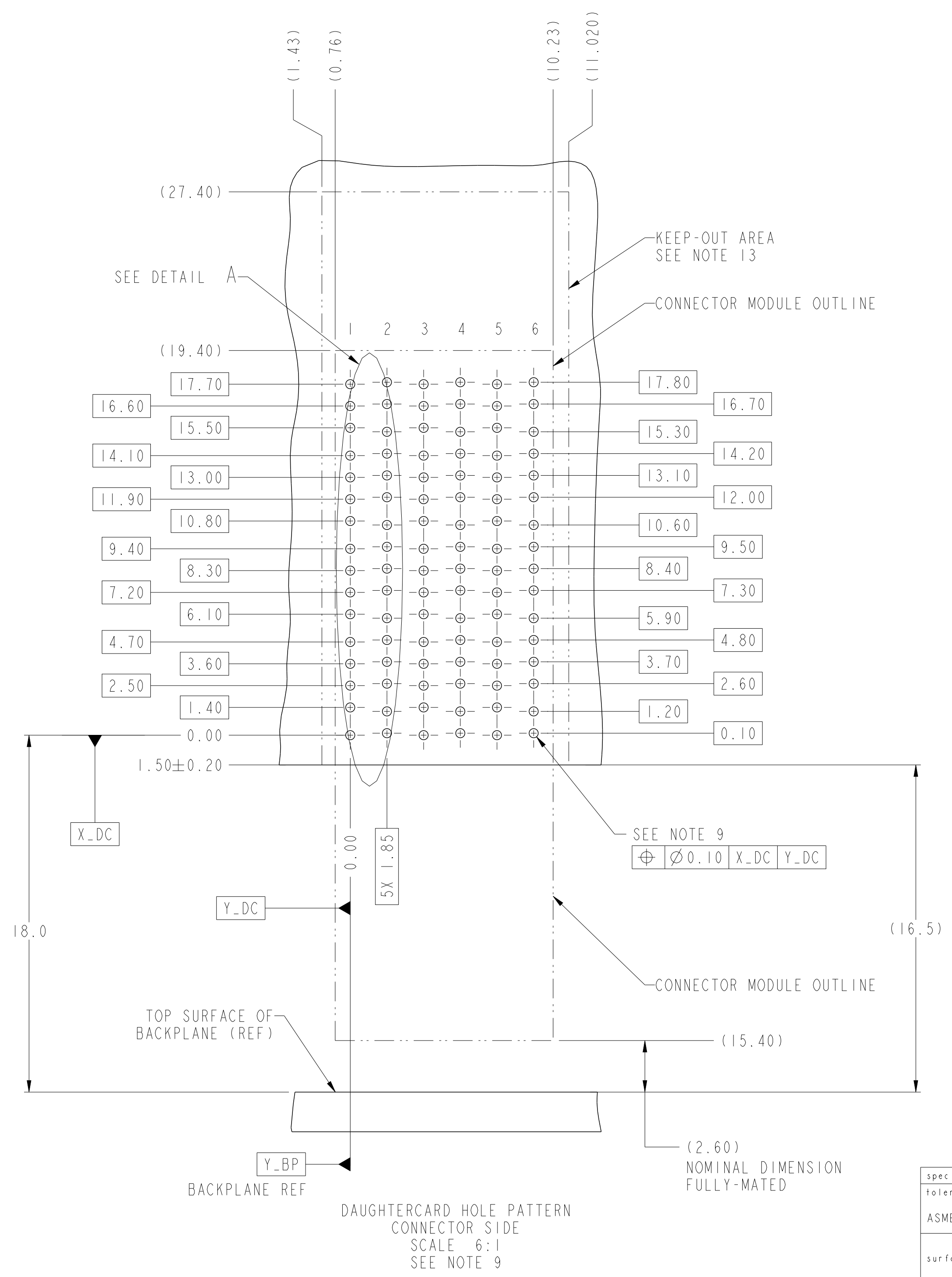




spec ref	SEE NOTES			dr	Jim Swain	2010/01/22			mm	size	A2	scale	3:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2011/08/02			ecn no	ELX-S-004742-1					
ASME Y14.5				chr	-	-			appr	Chen-Hong Tan	2011/08/03	product family	-	rel lev	Released
surface	linear	0.X	±	-		title	RECEPT MODULE, RIGHT ANGLE 6-COLUMN, 4-PAIR			dwg no	10091799			rev	B
		0.XX	±	-											
ASME Y14.5		angular	0°	±											



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

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	2011/08/02			ecn no	ELX-S-004742-1		
ASME Y14.5		chr	-	-			rel level	Released		
surface	linear	appr	Chen-Hong Tan	2011/08/03	product family	-	rel level	Released		
ASME Y14.5	angular	0°	±°							
FCI		RECEPT MODULE, RIGHT ANGLE		6-COLUMN, 4-PAIR		10091799		B		
www.fci.com		cat. no.		SEE P/N TABLES		Product - Customer Drw		sheet 2 of 6		

A <
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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		PCB REQUIREMENTS (SEE NOTE 11)						
									ATTRIBUTE	STANDARD TAIL	MICRO TAIL				
	10091799-105	NO	SEE NOTES 6 & 14	HSD	85Ω	STANDARD 0.57 (.0225")	2.0		TELECORDIA CO	DRILL SIZE	Ø0.57 (.0225")	Ø0.45 (.0177")			
	10091799-105LF	YES								PTH	Ø0.46±0.05	Ø0.36±0.05			
	10091799-115	NO	SEE NOTES 6 & 15							TELCORDIA UE	PAD SEE NOTE 8	Ø0.88	Ø0.75		
	10091799-115LF	YES									MIN PCB THICKNESS	1.60	1.10		
	10091799-505	NO	SEE NOTES 6 & 14						HSD		85Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO	TELECORDIA UE
	10091799-505LF	YES													
	10091799-515	NO	SEE NOTES 6 & 15							TELECORDIA CO					
10091799-515LF	YES														
10091799-106	NO	SEE NOTES 6 & 14	HSD	85Ω	MICRO 0.45 (.0177")	1.3	TELECORDIA CO	TELECORDIA UE							
10091799-106LF	YES														
10091799-116	NO	SEE NOTES 6 & 15								TELECORDIA CO				TELECORDIA UE	
10091799-116LF	YES														
10091799-506	NO	SEE NOTES 6 & 14					LC	85Ω	STANDARD 0.57 (.0225")		2.0	TELECORDIA CO	TELCORDIA UE		
10091799-506LF	YES														
10091799-516	NO	SEE NOTES 6 & 15								TELECORDIA CO				TELCORDIA UE	
10091799-516LF	YES														
10091799-107 	NO	SEE NOTES 6 & 14	LC	85Ω	STANDARD 0.57 (.0225")	2.0						TELECORDIA CO	TELCORDIA UE		
10091799-107LF 	YES														
10091799-117 	NO	SEE NOTES 6 & 15								TELECORDIA CO				TELCORDIA UE	
10091799-117LF 	YES														
10091799-507 	NO	SEE NOTES 6 & 14					LC	85Ω	MICRO 0.45 (.0177")		1.3	TELECORDIA CO	TELECORDIA UE		
10091799-507LF 	YES														
10091799-517 	NO	SEE NOTES 6 & 15								TELECORDIA CO				TELECORDIA UE	
10091799-517LF 	YES														
10091799-108 	NO	SEE NOTES 6 & 14	LC	85Ω	MICRO 0.45 (.0177")	1.3						TELECORDIA CO	TELECORDIA UE		
10091799-108LF 	YES														
10091799-118 	NO	SEE NOTES 6 & 15								TELECORDIA CO				TELECORDIA UE	
10091799-118LF 	YES														
10091799-508 	NO	SEE NOTES 6 & 14					LC	85Ω	MICRO 0.45 (.0177")		1.3	TELECORDIA CO	TELECORDIA UE		
10091799-508LF 	YES														
10091799-518 	NO	SEE NOTES 6 & 15								TELECORDIA CO				TELECORDIA UE	
10091799-518LF 	YES														

Pro/E File - REV C - 2009-06-09

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3

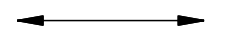
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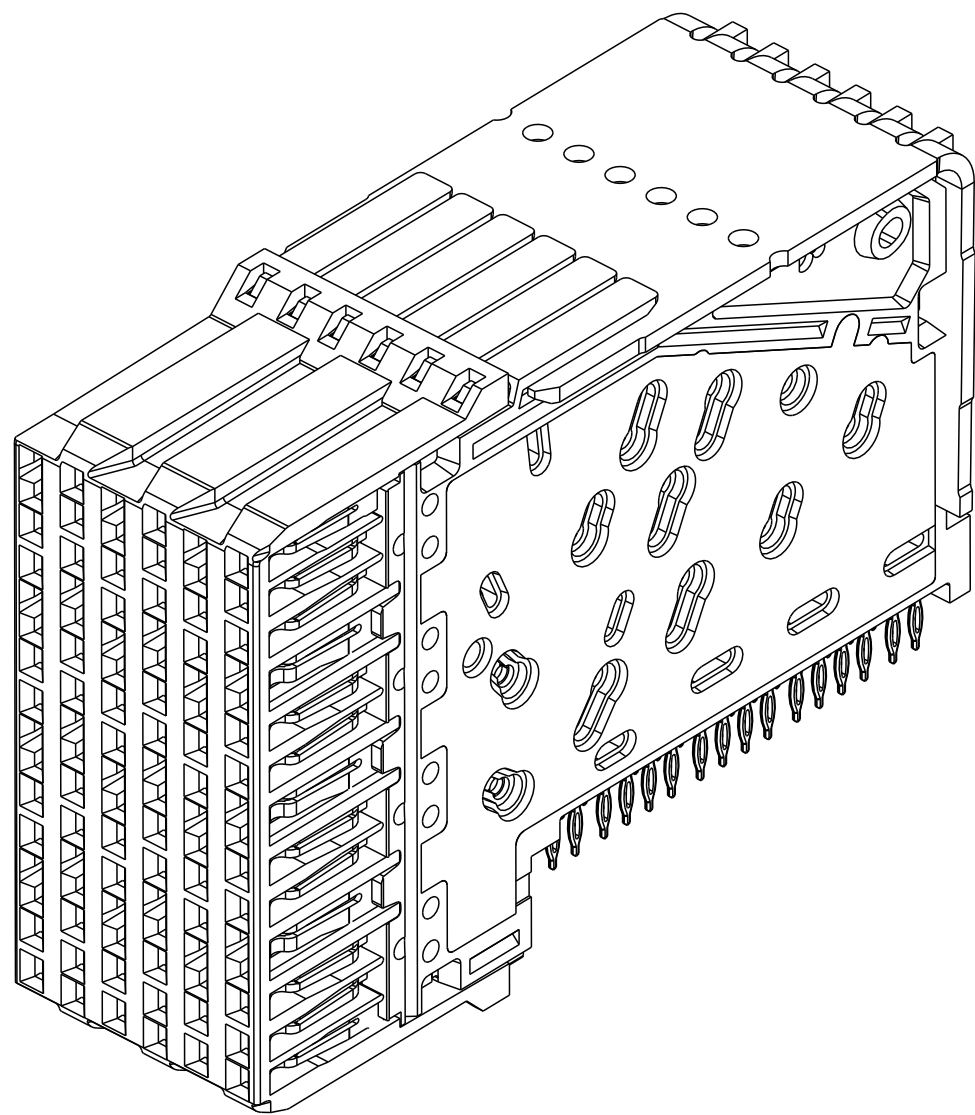
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PDS: Rev :B

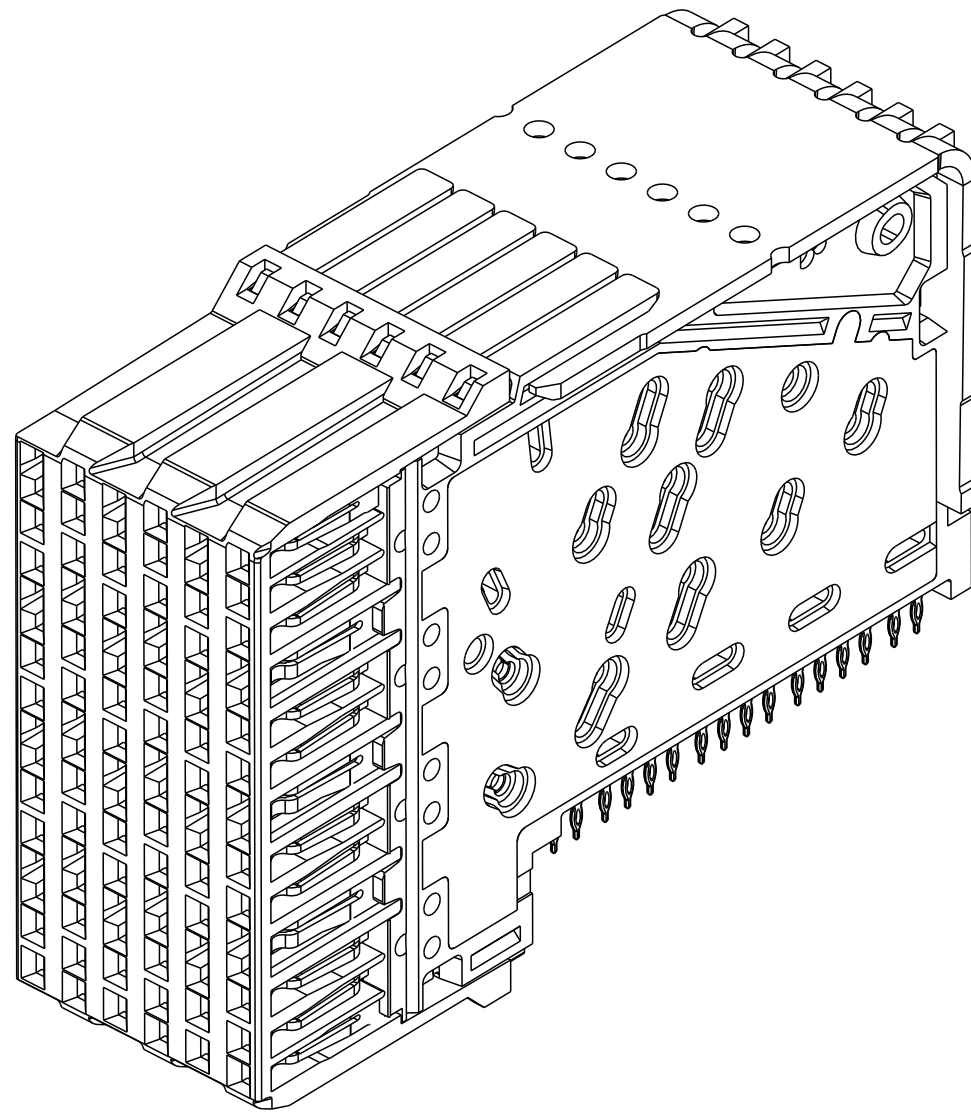
STATUS:Released

Printed: Aug 03, 2011

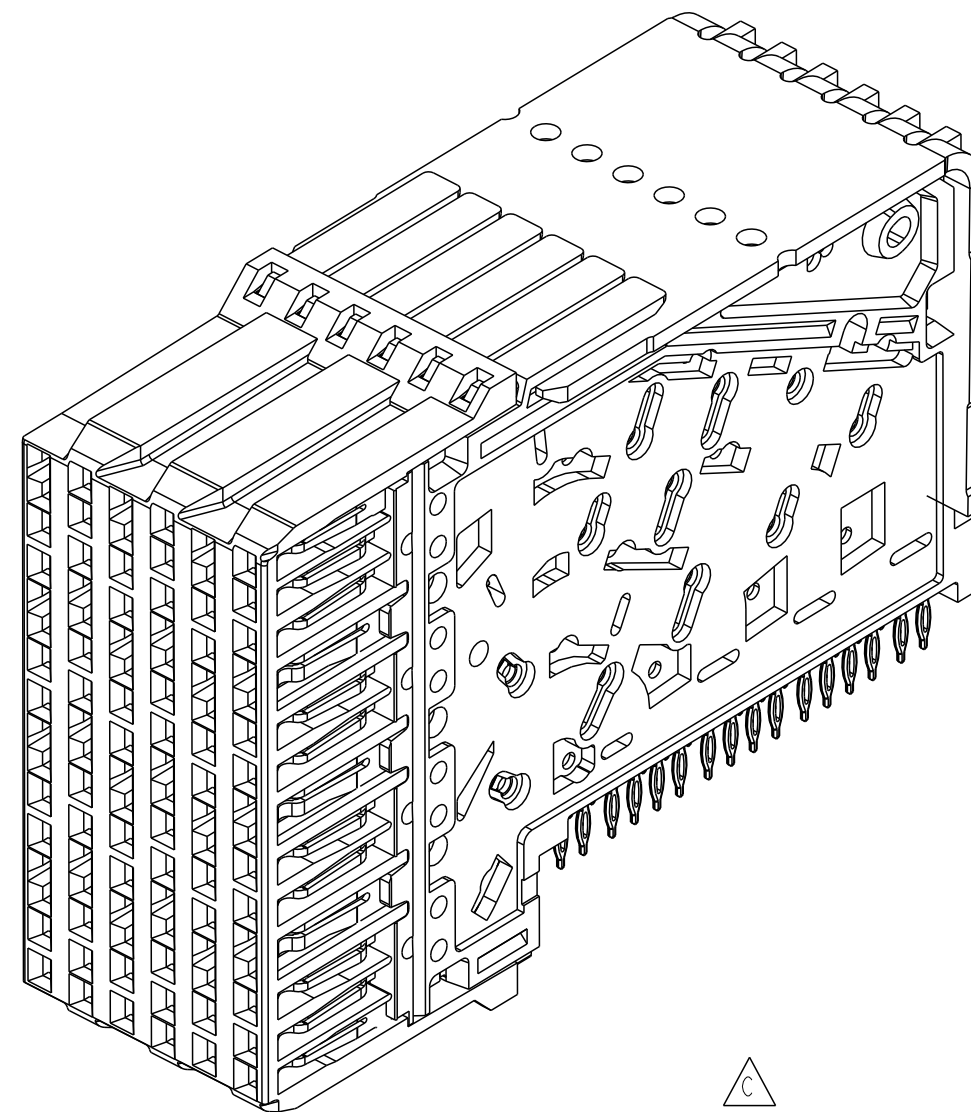
spec ref	SEE NOTES			dr	Jim Swain	2010/01/22	projection		size	A2	scale	3:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Matthew Cheong	2011/08/02	chr	-	product family		ecn no	ELX-S-004742-1			
ASME Y14.5		appr	Chen-Hong Tan	2011/08/03		rel lev			Cr	Released			
surface 	linear	0.X	±		title	RECEPT MODULE, RIGHT ANGLE 6-COLUMN, 4-PAIR			dwg no	10091799		rev	B
		0.XX	±										
		0.XXX	±										
ASME Y14.5	angular	0°	±	www.fci.com	cat. no.	SEE P/N TABLES	Product - Customer	Drw	sheet 4 of 6				



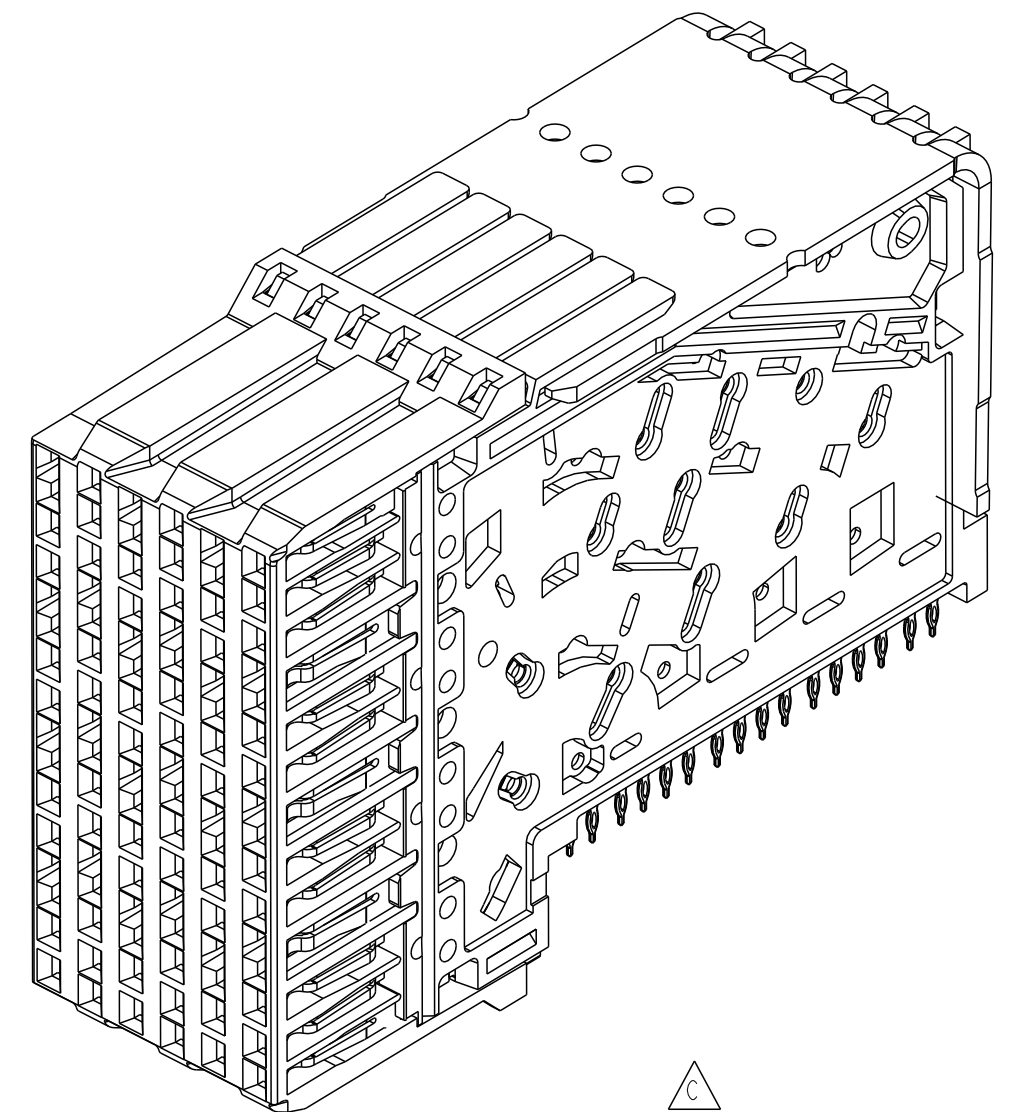
10091799-X01 & -X05
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 14



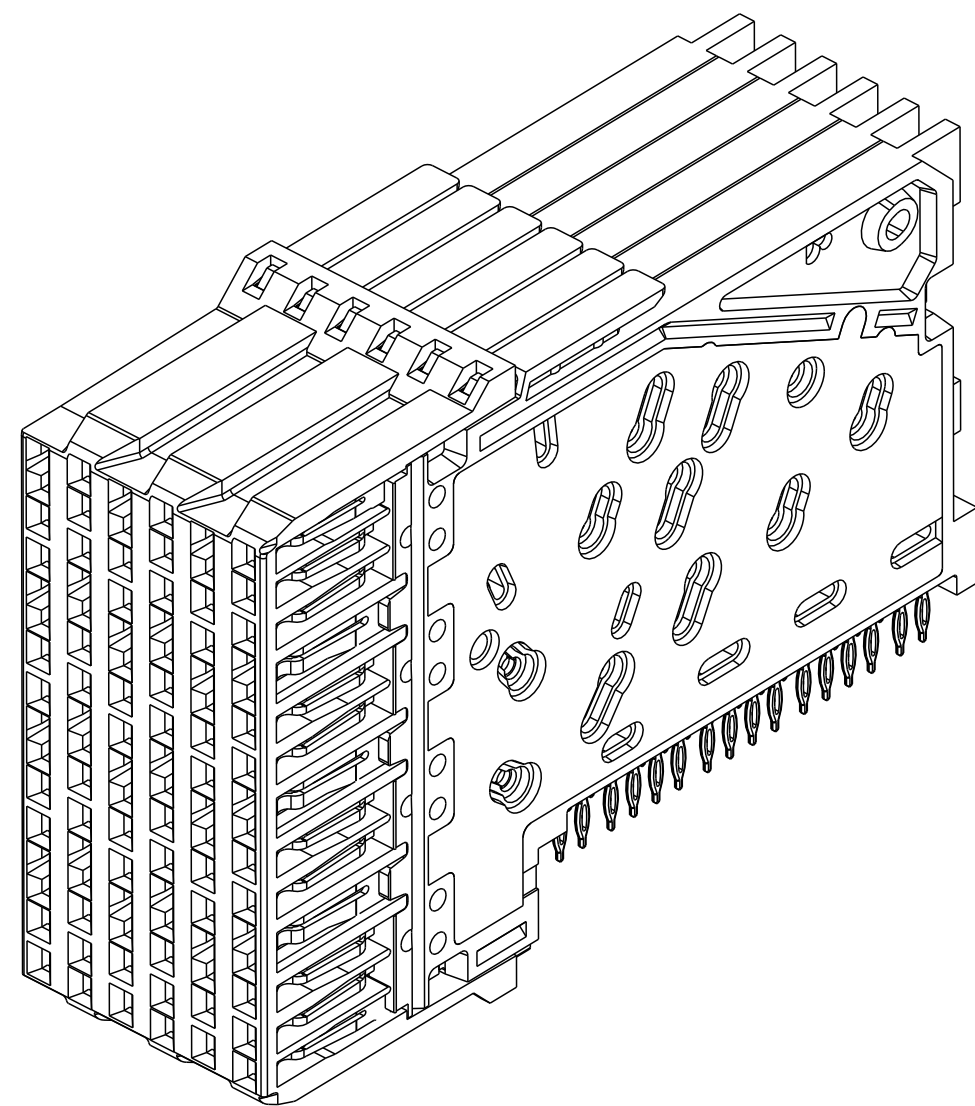
10091799-X02 & X06
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



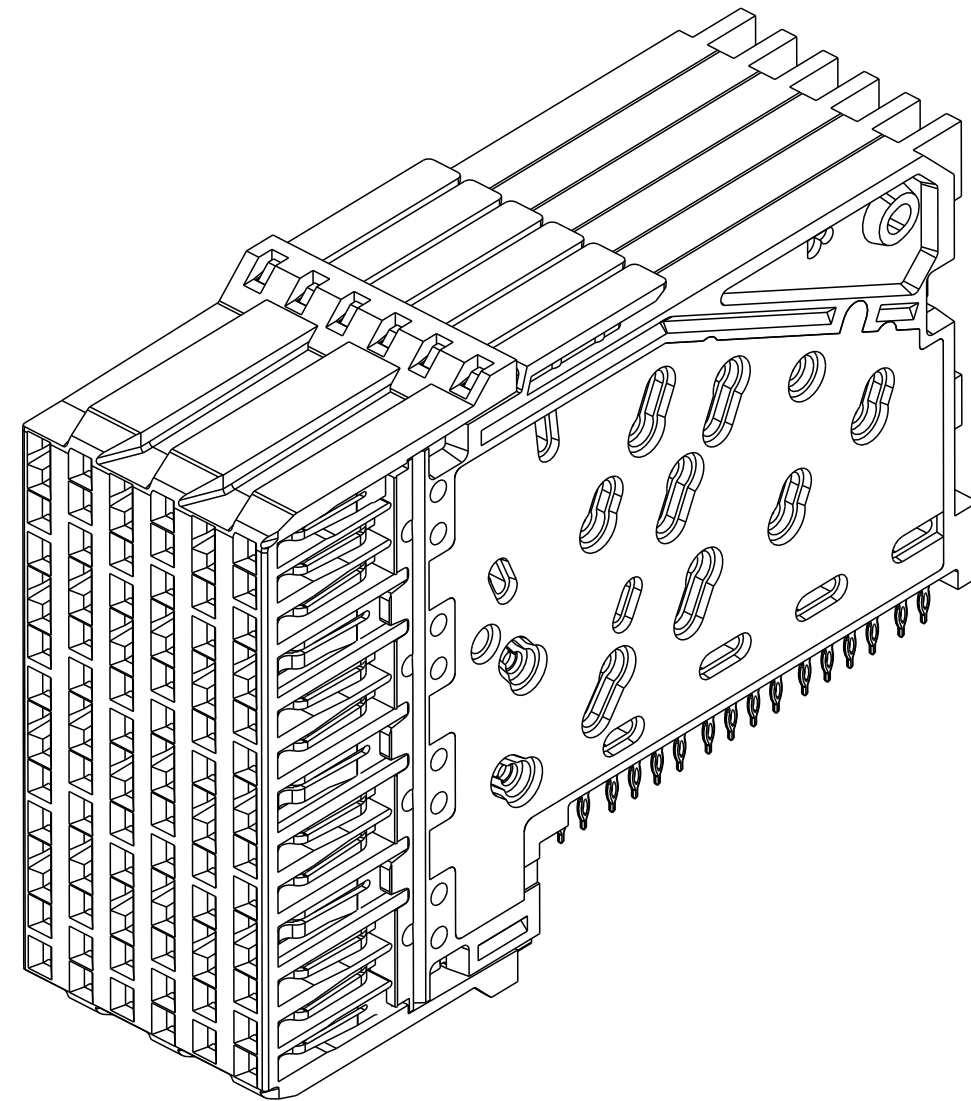
10091799-X03 & X07
LC / 100Ω & 85Ω / STD EON
SEE NOTE 14



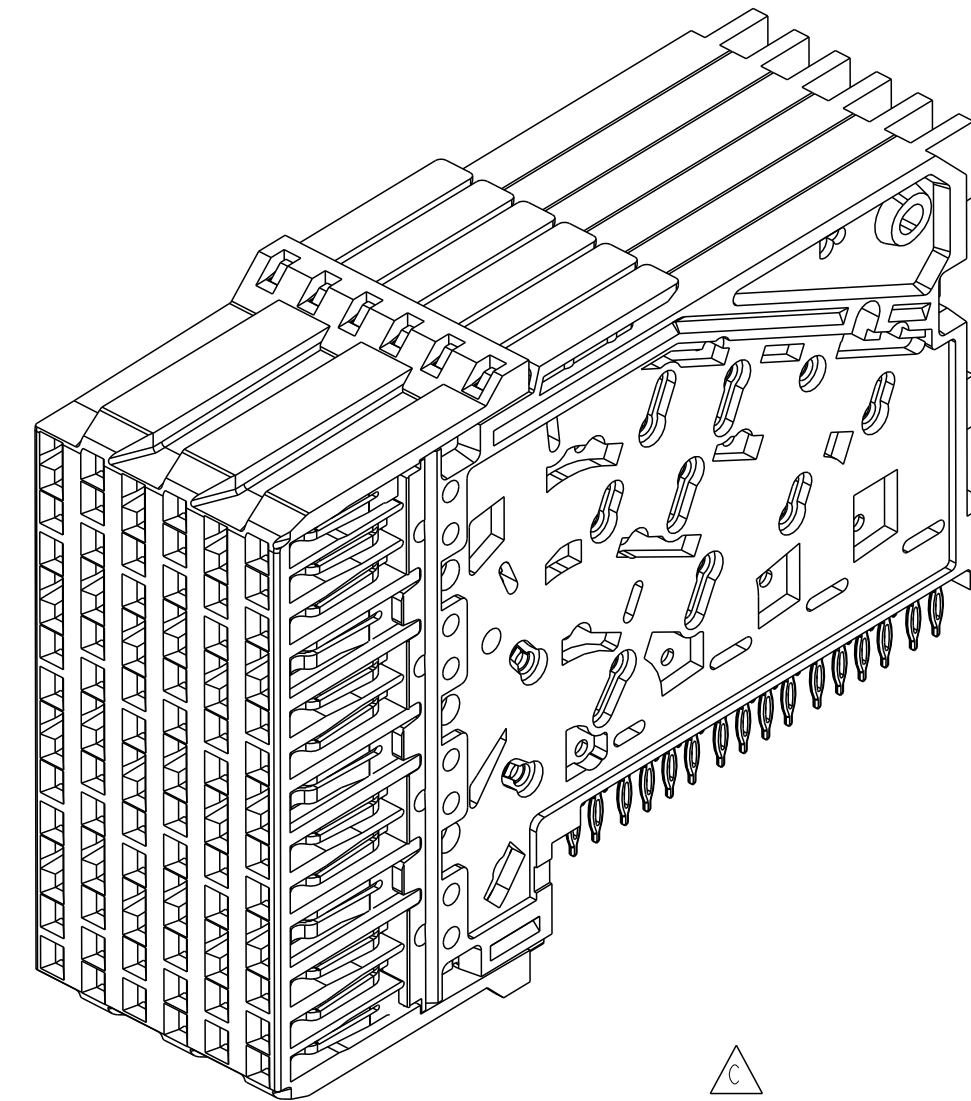
10091799-X04 & X08
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



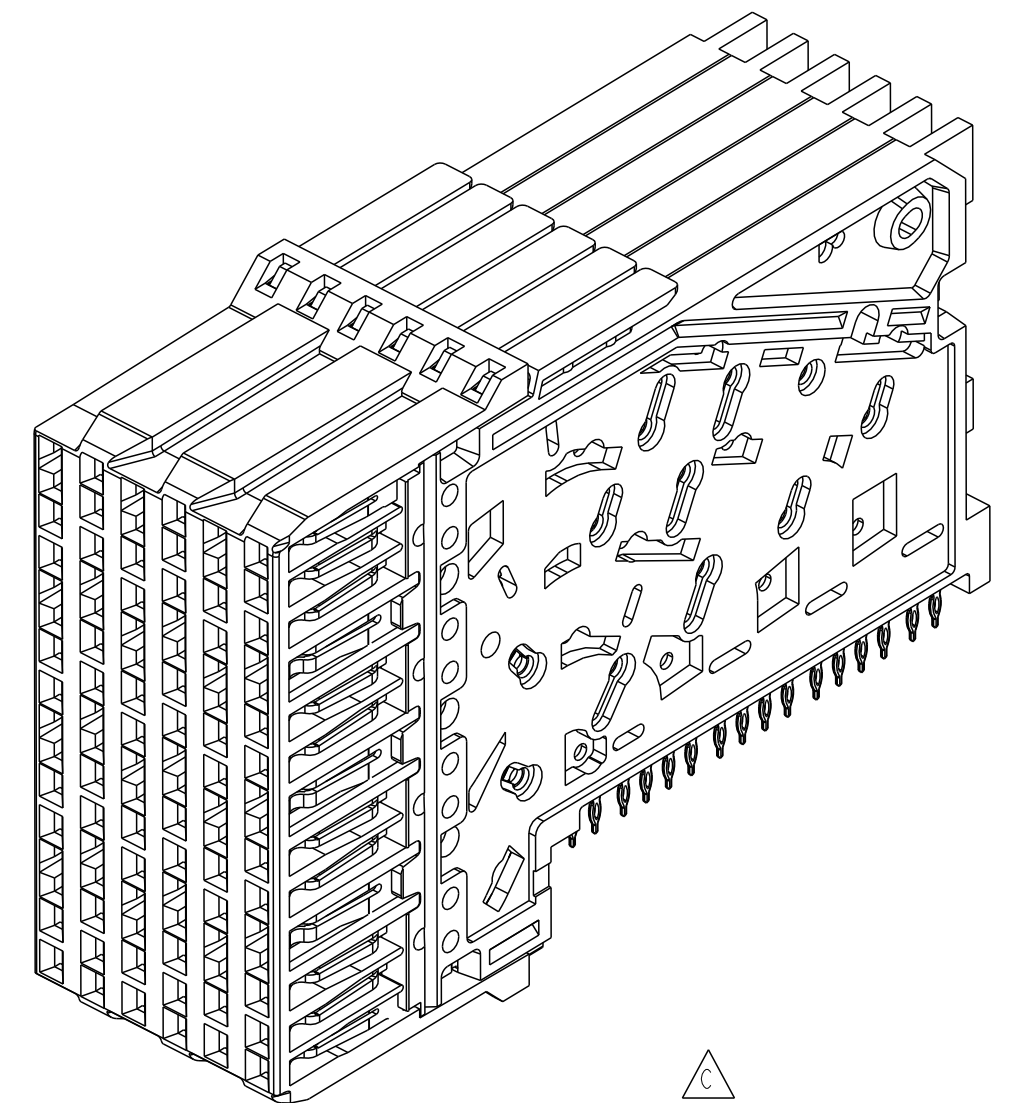
10091799-X11 & -X15
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 15



10091799-X12 & X16
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 15



10091799-X13 & X17
LC / 100Ω & 85Ω / STD EON
SEE NOTE 15



10091799-X14 & X18
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 15

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	2011/08/02			ecn no	ELX-S-004742-1			
ASME Y14.5				chr	-	-				product family	-	rel lev	Ch
	appr	Chen-Hong Tan	2011/08/03										
surface 	linear	0.X	±		title	RECEPT MODULE, RIGHT ANGLE 6-COLUMN, 4-PAIR			dwg no	10091799		rev	B
		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: 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.

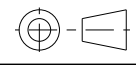
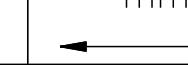
12. PACKAGING MEETS FCI SPECIFICATION GS-14-920 FOR LEAD-FREE LABELING.

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 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		2010/02/22		projection				mm		size		A2		scale		3:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Matthew Cheong		2011/08/02				ecn no		ELX-S-004742-1		rel lev		Released						
ASME Y14.5					chr		-		-																
					appr		Chen-Hong Tan		2011/08/03														product family		-
surface				linear		0.X		±		-				title		RECEPT MODULE, RIGHT ANGLE 6-COLUMN, 4-PAIR		dwg no		10091799		rev		B	
						0.XX		±		-															
ASME Y14.5				angular		0°		±		°															
				www.fci.com				cat. no.				SEE P/N TABLES				Product - Customer Drw				sheet 6 of 6					