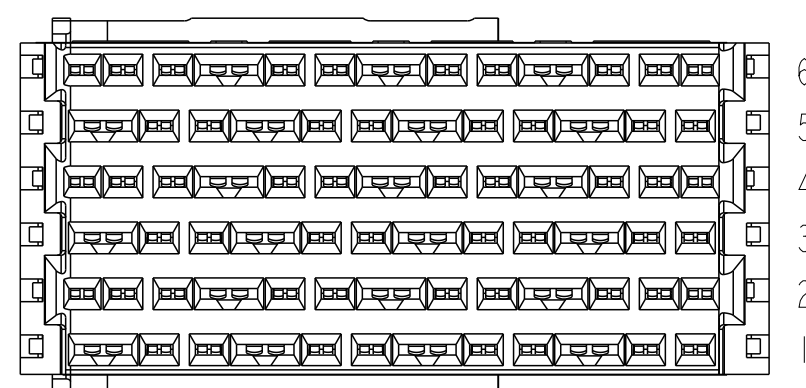
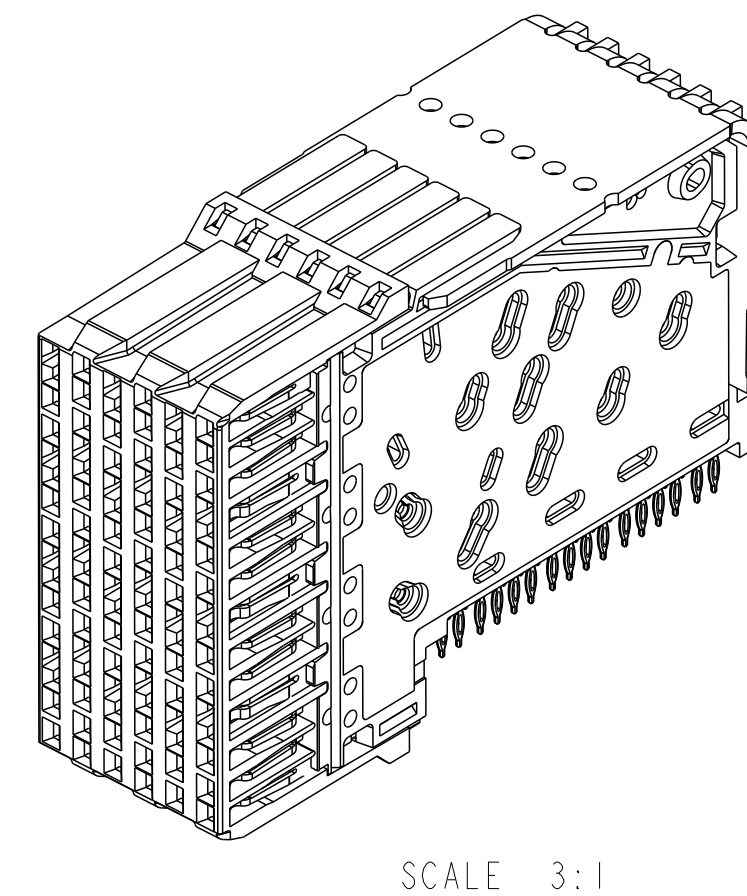
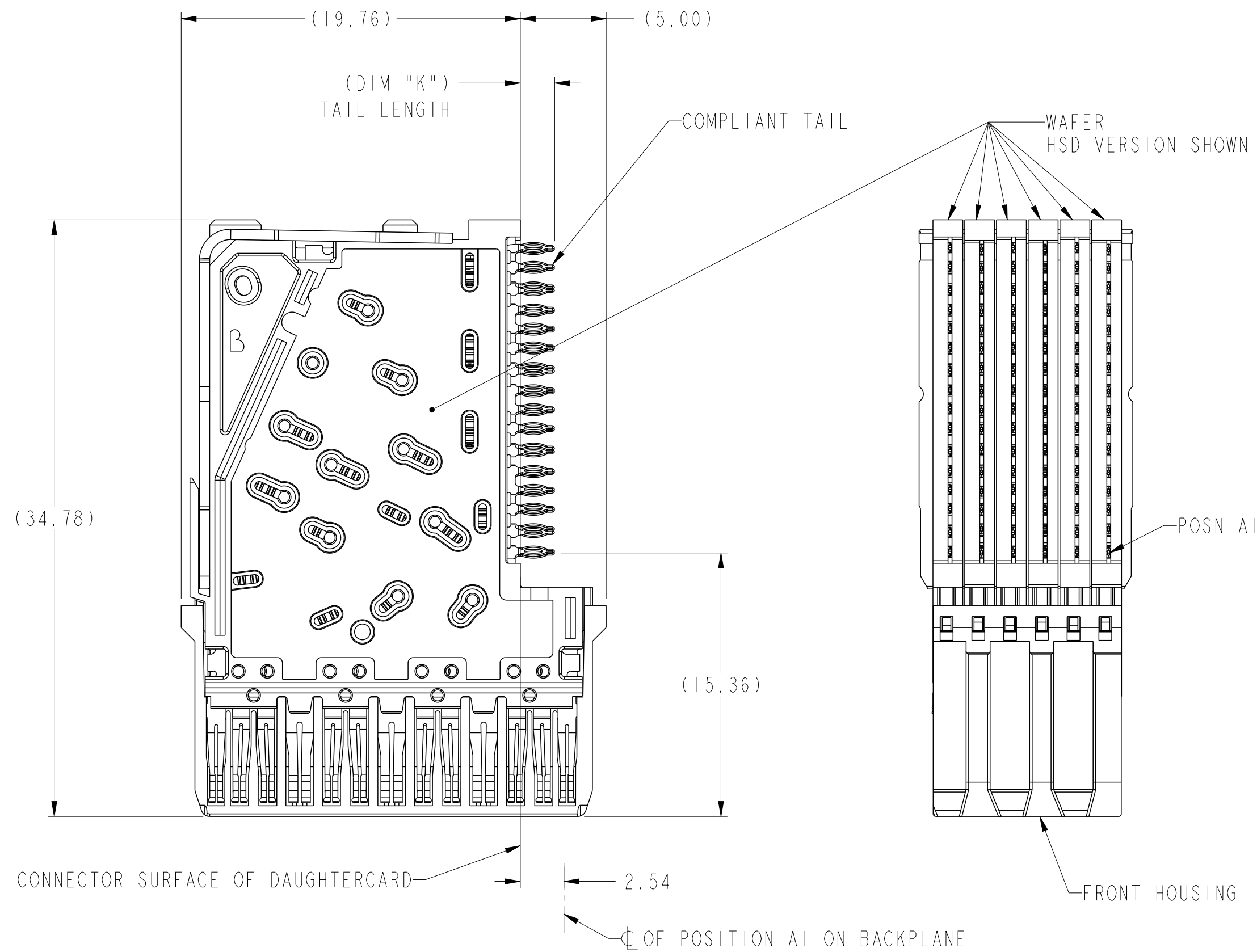
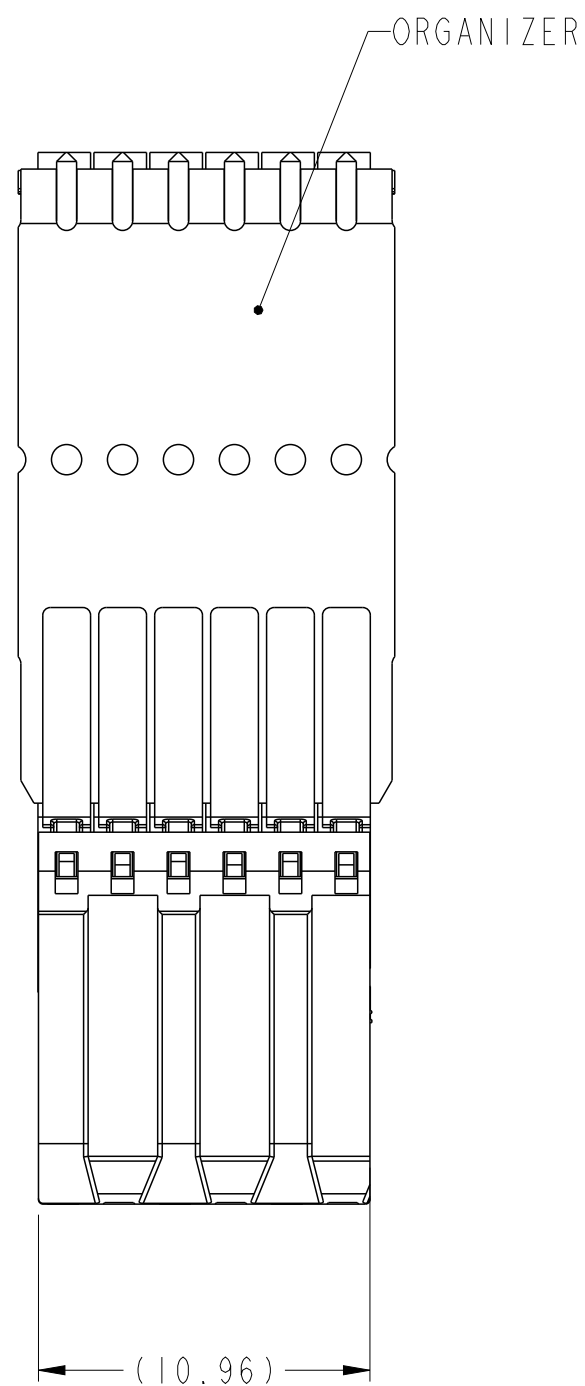
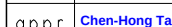
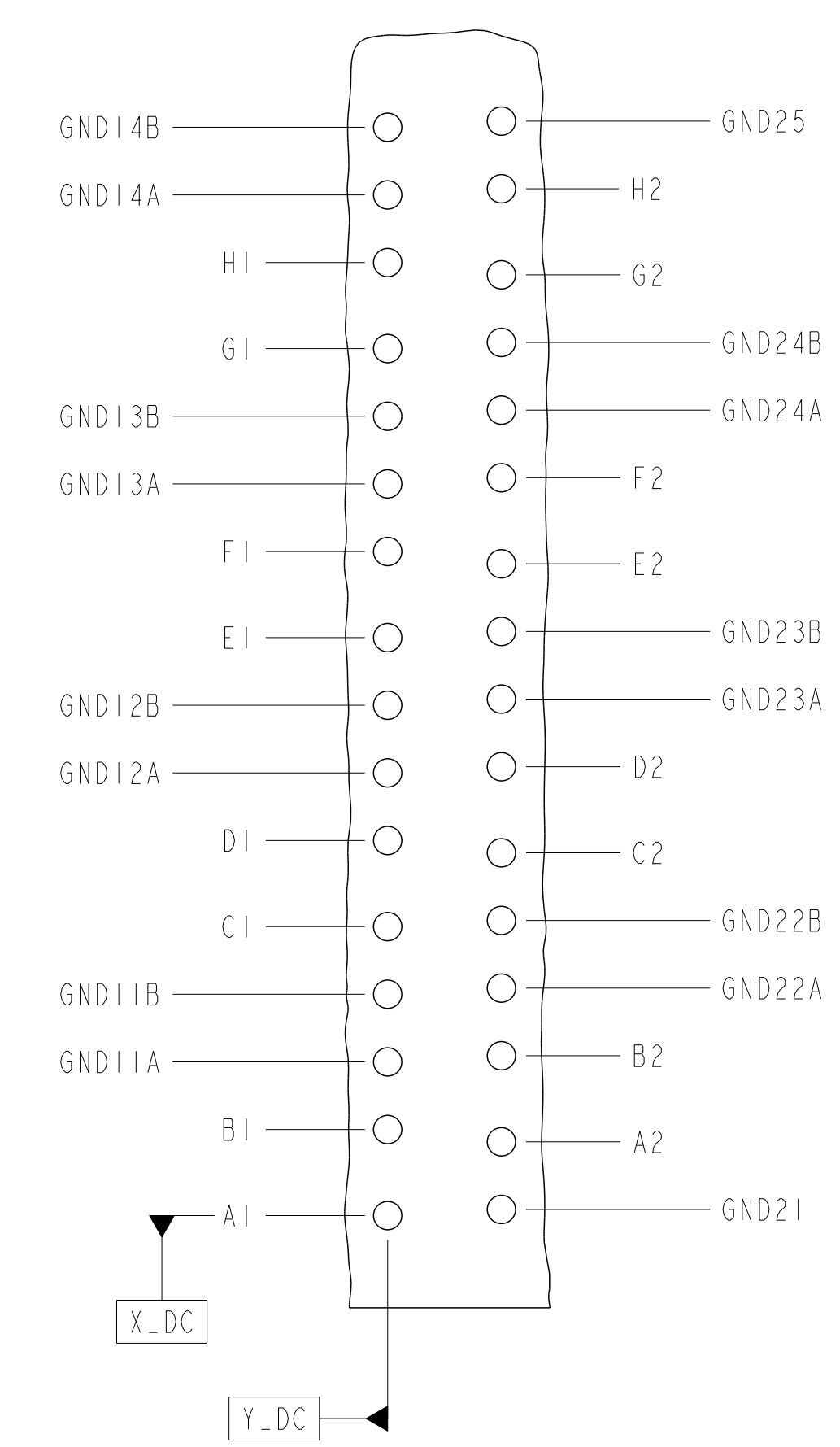
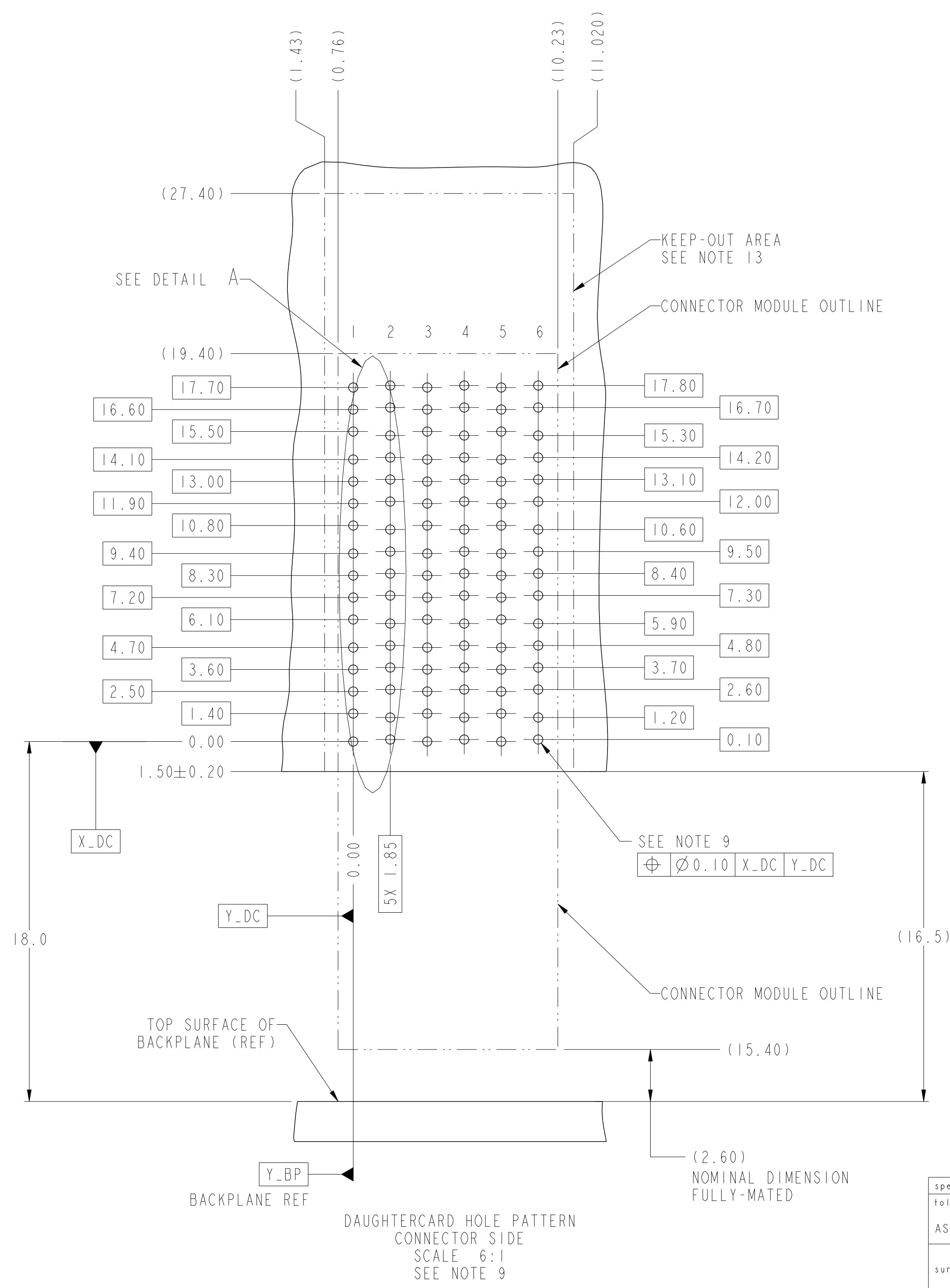




spec ref	SEE NOTES			dr	Jim Swain	2010/01/22	projection		mm		size	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2014/06/23					A2	3:1
ASME Y14.5				chr	-	-	product family	ecn no	ELX-S-18041-1			
				appr	Chen-Hong Tan	2014/07/04	-	rel level	Released			
surface 	linear	0.X	±		title	RECEPT MODULE, RIGHT ANGLE 6-COLUMN, 4-PAIR	dwg no	10091799	rev	D		
		0.XX	±									
ASME Y14.5	angular	0°	±°								www.fci.com	cat. no.



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

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	2014/06/23			ecn no	ELX-S-18041-1		
ASME Y14.5		chr	-	-			rel level	Released		
surface	linear	appr	Chen-Hong Tan	2014/07/04	product family	-	rel level	Released		
ASME Y14.5	angular	0°	±°							
FCI		title		RECEPT MODULE, RIGHT ANGLE		dwg no		10091799		rev
www.fci.com		cat. no.		SEE P/N TABLES		Product - Customer Drw		sheet 2 of 6		D

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																																																																																															
A	10091799-101	NO	SEE NOTES 6 & 14		HSD	100Ω	STANDARD 0.57 (.0225")		2.0	TELECORDIA CO																																																																																															
	10091799-101LF	YES																																																																																																							
	10091799-111	NO	SEE NOTES 6 & 15																																																																																																						
	10091799-111LF	YES																																																																																																							
	10091799-501	NO	SEE NOTES 6 & 14													TELCORDIA UE																																																																																									
	10091799-501LF	YES																																																																																																							
10091799-511	NO	SEE NOTES 6 & 15																																																																																																							
10091799-511LF	YES																																																																																																								
B	10091799-102	NO	SEE NOTES 6 & 14		HSD	100Ω	MICRO 0.45 (.0177")		1.3	TELECORDIA CO																																																																																															
	10091799-102LF	YES																																																																																																							
	10091799-112	NO	SEE NOTES 6 & 15																																																																																																						
	10091799-112LF	YES																																																																																																							
	10091799-502	NO	SEE NOTES 6 & 14													TELECORDIA UE																																																																																									
	10091799-502LF	YES																																																																																																							
10091799-512	NO	SEE NOTES 6 & 15																																																																																																							
10091799-512LF	YES																																																																																																								
C	10091799-103	NO	SEE NOTES 6 & 14		LC	100Ω	STANDARD 0.57 (.0225")		2.0	TELECORDIA CO																																																																																															
	10091799-103LF	YES																																																																																																							
	10091799-113	NO	SEE NOTES 6 & 15																																																																																																						
	10091799-113LF	YES																																																																																																							
	10091799-503	NO	SEE NOTES 6 & 14													TELECORDIA UE																																																																																									
	10091799-503LF	YES																																																																																																							
10091799-513	NO	SEE NOTES 6 & 15																																																																																																							
10091799-513LF	YES																																																																																																								
D	10091799-104	NO	SEE NOTES 6 & 14		LC	100Ω	MICRO 0.45 (.0177")		1.3	TELECORDIA CO																																																																																															
	10091799-104LF	YES																																																																																																							
	10091799-114	NO	SEE NOTES 6 & 15																																																																																																						
	10091799-114LF	YES																																																																																																							
	10091799-504	NO	SEE NOTES 6 & 14									TELECORDIA UE																																																																																													
	10091799-504LF	YES																																																																																																							
10091799-514	NO	SEE NOTES 6 & 15																																																																																																							
10091799-514LF	YES																																																																																																								
FCI Copyright FCI. <table><tr><td colspan="2">spec ref</td><td colspan="4">SEE NOTES</td><td>dr</td><td>Jim Swain</td><td>2010/01/22</td><td colspan="2">projection</td><td colspan="2">mm</td><td>size</td><td>A2</td><td>scale</td><td>3:1</td></tr><tr><td colspan="2">tolerance std</td><td colspan="4" rowspan="4">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>eng</td><td>Matthew Cheong</td><td>2014/06/23</td><td rowspan="4"></td><td rowspan="4"></td><td rowspan="4">ecn no</td><td colspan="3">ELX-S-18041-1</td></tr><tr><td colspan="2">ASME Y14.5</td><td>chr</td><td>-</td><td>-</td><td rowspan="2">rel lev</td><td rowspan="2">Released</td></tr><tr><td colspan="2"></td><td>appr</td><td>Chen-Hong Tan</td><td>2014/07/04</td><td colspan="2">product family</td><td>-</td></tr><tr><td colspan="2">surface</td><td>linear</td><td>0.X</td><td>±-</td><td rowspan="3"></td><td rowspan="3">title</td><td colspan="4" rowspan="3">RECEPT MODULE, RIGHT ANGLE</td><td rowspan="3">diag no</td><td colspan="2" rowspan="3">10091799</td><td rowspan="3">rev</td><td rowspan="3">D</td></tr><tr><td colspan="2"></td><td></td><td>0.XX</td><td>±-</td></tr><tr><td colspan="2"></td><td></td><td>0.XXX</td><td>±-</td></tr><tr><td colspan="2">ASME Y14.5</td><td>angular</td><td>0°</td><td>±°</td><td>www.fci.com</td><td>cat. no.</td><td colspan="2">SEE P/N TABLES</td><td colspan="4">Product - Customer Drw</td><td colspan="2">sheet 3 of 6</td></tr></table> PDS: Rev :D STATUS:Released Printed: Jul 05, 2014																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	2014/06/23			ecn no	ELX-S-18041-1			ASME Y14.5		chr	-	-	rel lev	Released			appr	Chen-Hong Tan	2014/07/04	product family		-	surface		linear	0.X	±-		title	RECEPT MODULE, RIGHT ANGLE				diag no	10091799		rev	D				0.XX	±-				0.XXX	±-	ASME Y14.5		angular	0°	±°	www.fci.com	cat. no.	SEE P/N TABLES		Product - Customer Drw				sheet 3 of 6			
																spec ref		SEE NOTES				dr	Jim Swain	2010/01/22	projection		mm		size	A2	scale	3:1																																																																									
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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						TELECORDIA UE						
	10091799-505LF	YES													
	10091799-515	NO	SEE NOTES 6 & 15								TELECORDIA CO				
	10091799-515LF	YES													
	10091799-605LF	YES	SEE NOTE 6, 14 & 17												
10091799-615LF	YES	SEE NOTE 6 ,15 & 17													
10091799-106	NO	SEE NOTES 6 & 14	TELECORDIA CO												
10091799-106LF	YES														
10091799-116	NO	SEE NOTES 6 & 15		TELECORDIA UE											
10091799-116LF	YES														
10091799-506	NO	SEE NOTES 6 & 14	TELECORDIA UE												
10091799-506LF	YES														
10091799-516	NO	SEE NOTES 6 & 15		TELECORDIA CO											
10091799-516LF	YES														
10091799-606LF	YES	SEE NOTE 6, 14 & 17													
10091799-616LF	YES	SEE NOTE 6 ,15 & 17													
10091799-107	NO	SEE NOTES 6 & 14		TELECORDIA CO											
10091799-107LF	YES														
10091799-117	NO	SEE NOTES 6 & 15			TELCORDIA UE										
10091799-117LF	YES														
10091799-507	NO	SEE NOTES 6 & 14		TELECORDIA UE											
10091799-507LF	YES														
10091799-517	NO	SEE NOTES 6 & 15			TELECORDIA CO										
10091799-517LF	YES														
10091799-108	NO	SEE NOTES 6 & 14	TELECORDIA CO												
10091799-108LF	YES														
10091799-118	NO	SEE NOTES 6 & 15		TELECORDIA UE											
10091799-118LF	YES														
10091799-508	NO	SEE NOTES 6 & 14	TELECORDIA UE												
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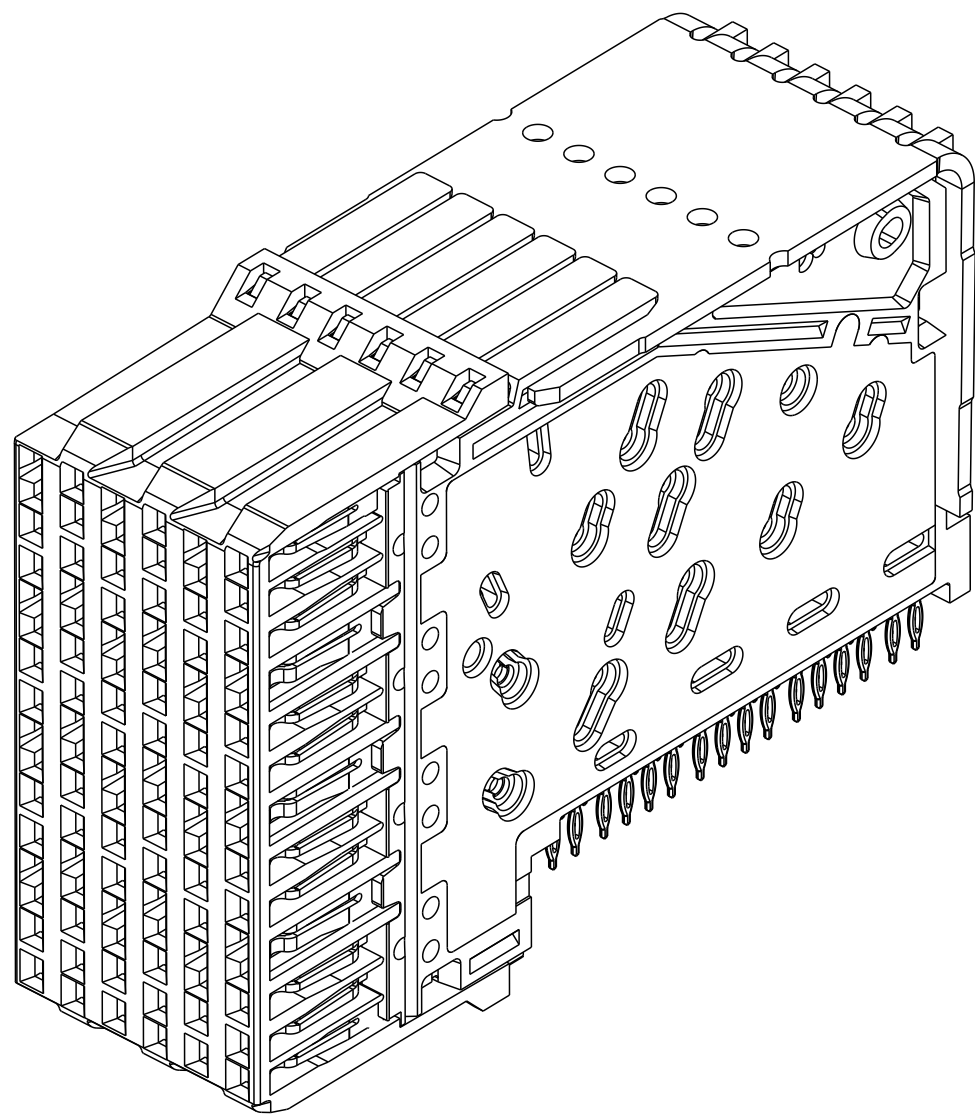
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tolerance std	ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Matthew Cheong	2014/06/23			ecn no	ELX-S-18041-1			
				chr	-	-			rel lev	Cr	Released		
				appr	Chen-Hong Tan	2014/07/04			product family	-			
surface		linear	0.X 0.XX 0.XXX	±- ±- ±-		title	RECEPT MODULE, RIGHT ANGLE 6-COLUMN, 4-PAIR		dwg no	10091799		rev	D
ASME Y14.5	angular	0°	±-°	www.fci.com			cat. no.	SEE P/N TABLES		Product - Customer Drw	sheet 4 of 6		

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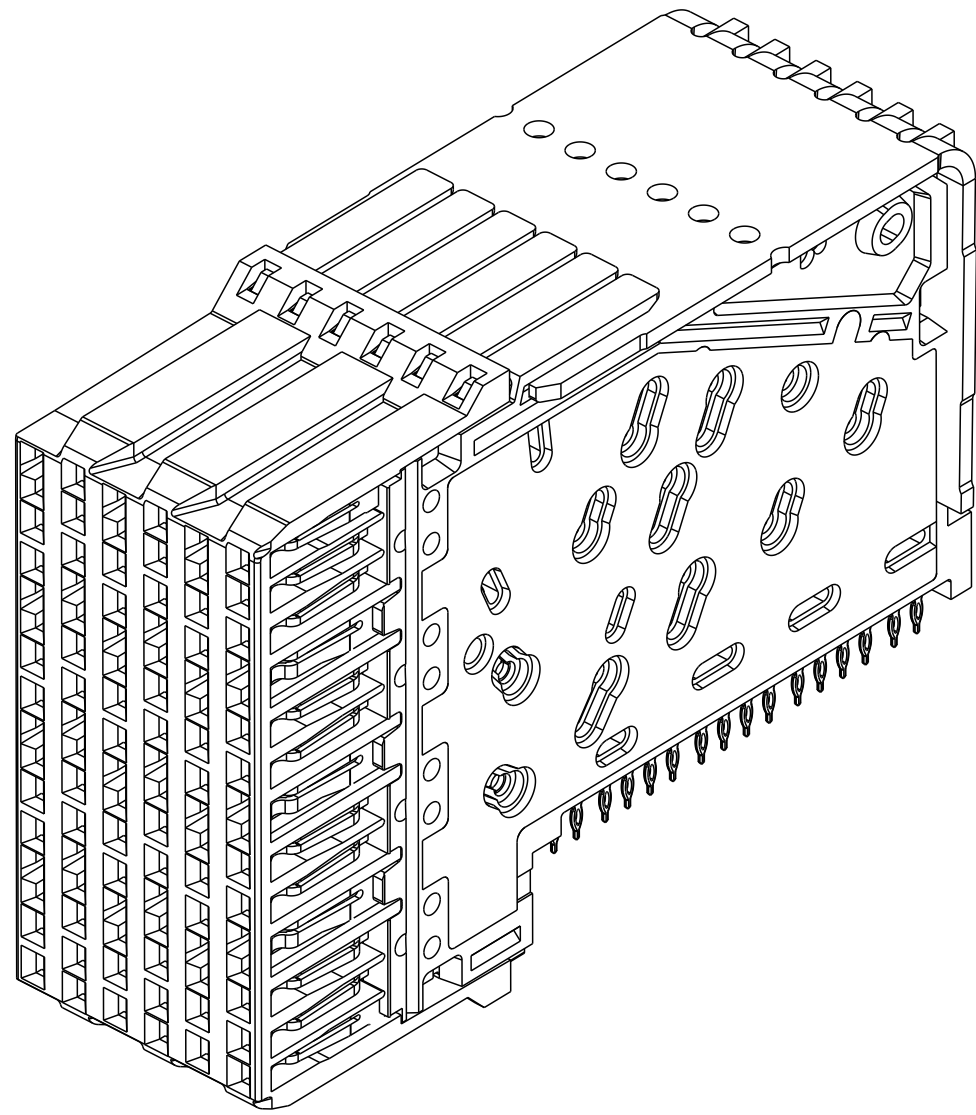


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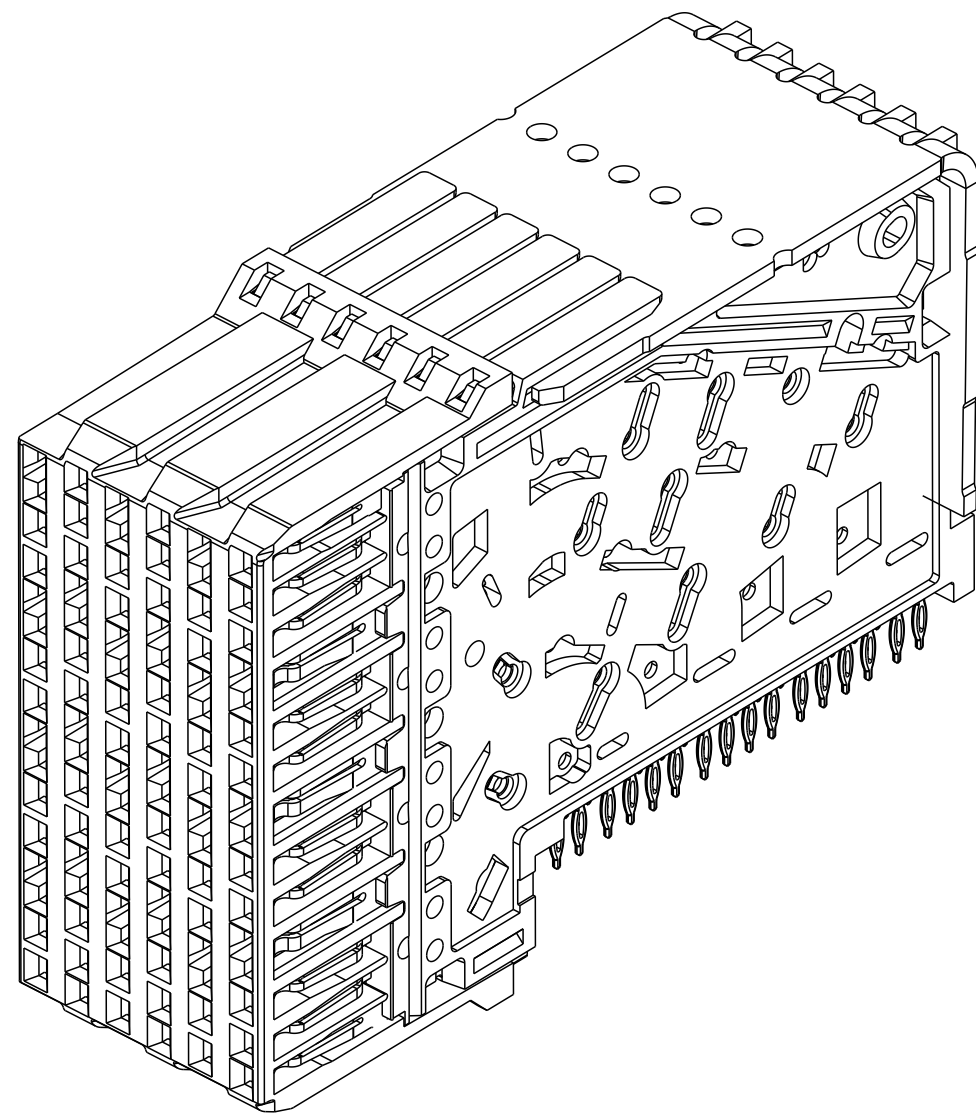
A
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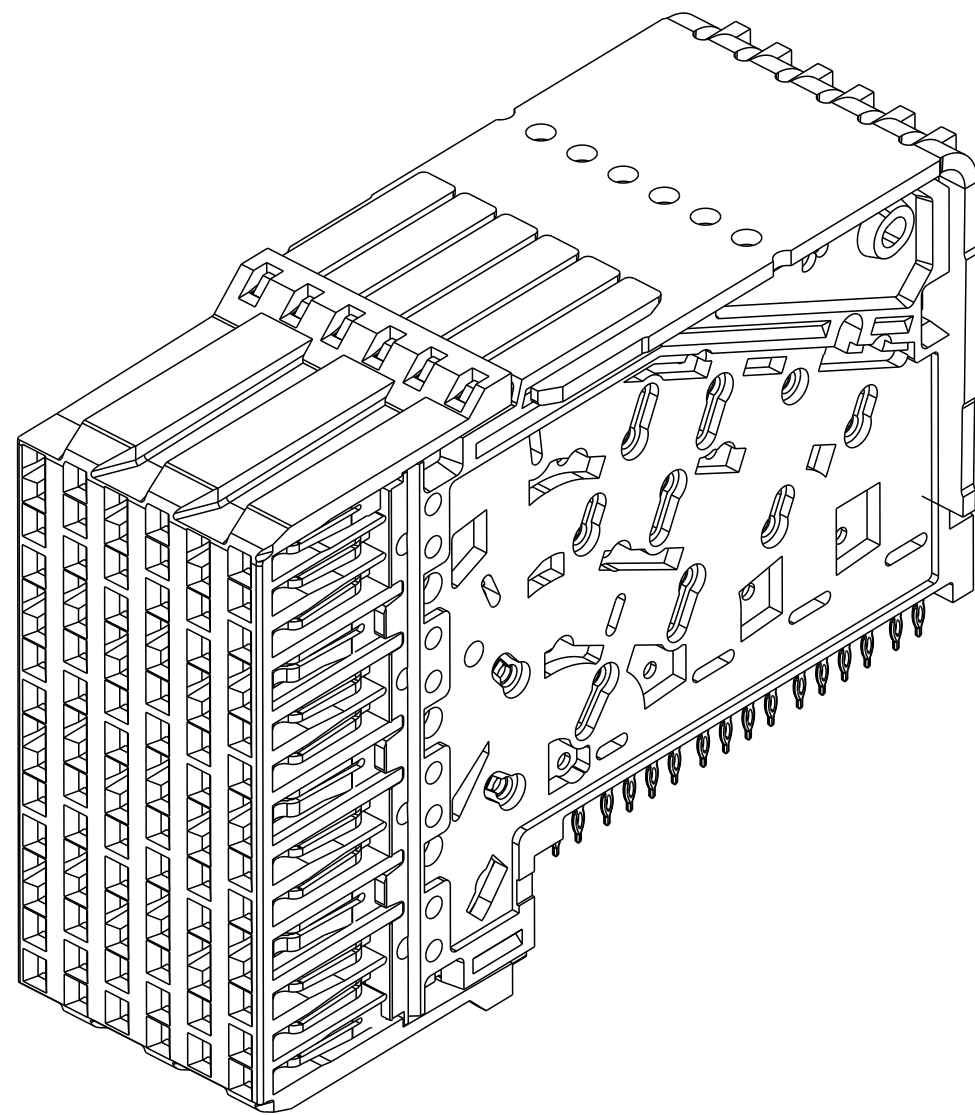
10091799-X01 & -X05
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 14



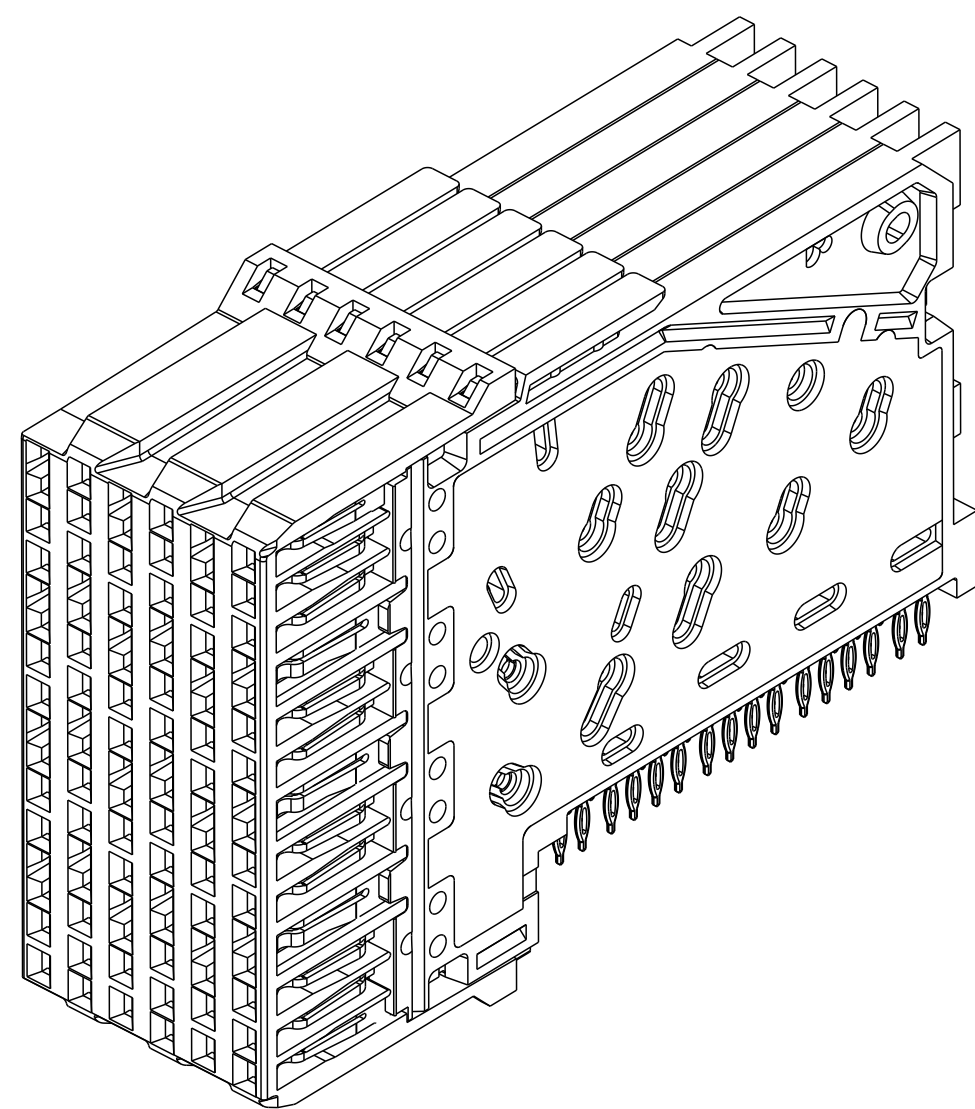
10091799-X02 & X06
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



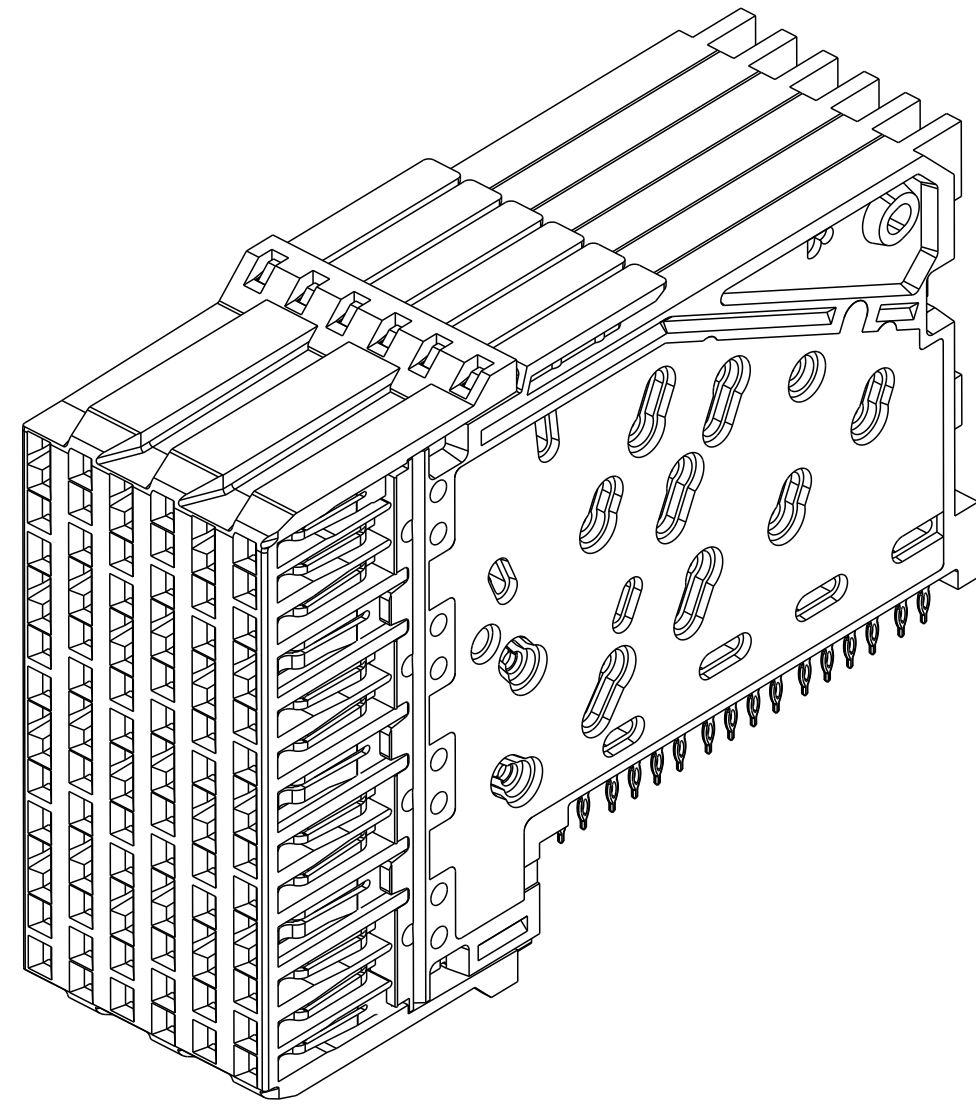
10091799-X03 & X07
LC / 100Ω & 85Ω / STD EON
SEE NOTE 14



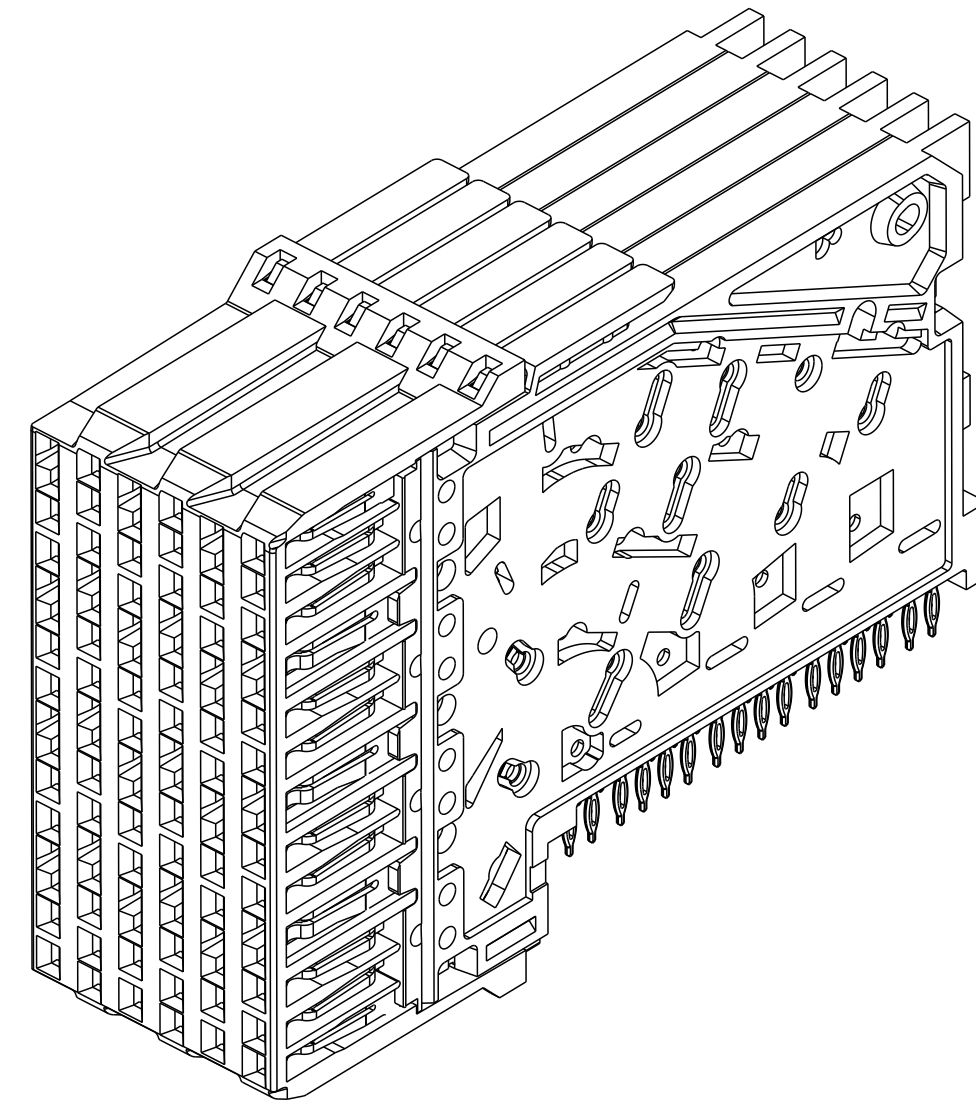
10091799-X04 & X08
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



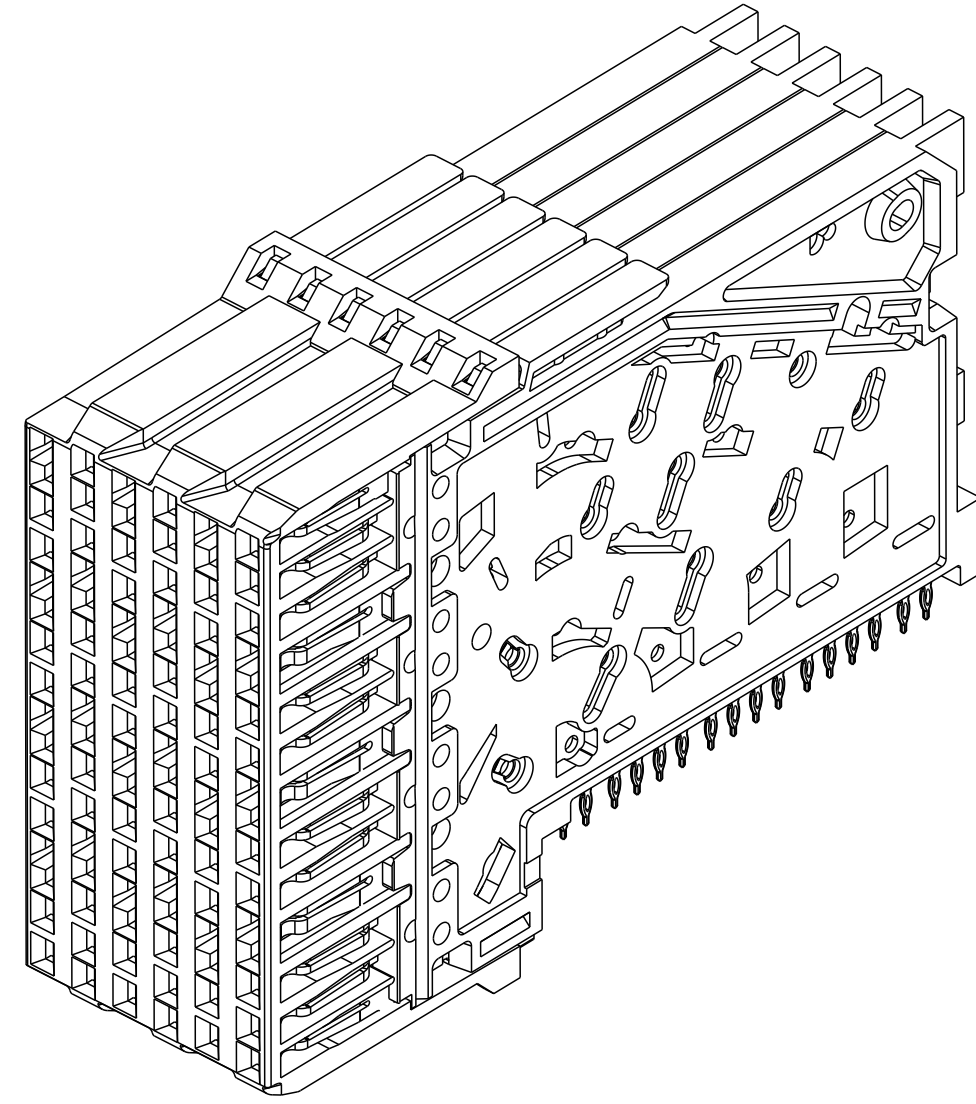
10091799-X11 & -X15
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 15



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	2014/06/23		ecn no ELX-S-18041-1			
ASME Y14.5				chr	-	-					
				appr	Chen-Hong Tan	2014/07/04			product family -		rel lev Ch Released
surface ASME Y14.5	linear angular	0.X	±		title	RECEPT MODULE, RIGHT ANGLE		dwg no 10091799	rev	D	
		0.XX	±								
		0.XXX	±								
	0°	±	°	www.fci.com	cat. no.	SEE P/N TABLES	Product - Customer Drw		sheet 5 of 6		

PDS: Rev :D

STATUS:Released

Printed: Jul 05, 2014

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.

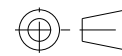
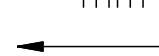
13. THE SPECIFIED KEEP-OUT AREA IS REQUIRED FOR CONNECTOR REPAIRABILITY.

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.

 17. CUSTOMER SPECIAL PARTNO.

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	2014/06/23			ecn no	ELX-S-18041-1			
ASME Y14.5				chr	-	-				product family	-	rel level	Released
	appr	Chen-Hong Tan		2014/07/04									
surface 	linear	0.X	±		title	RECEPT MODULE, RIGHT ANGLE + 6-COLUMN, 4-PAIR			dwg no	10091799		rev	D
		0.XX	±										
ASME Y14.5		angular	0°										
				www.fci.com		cat. no.	SEE P/N TABLES		Product - Customer Drw		sheet 6 of 6		

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