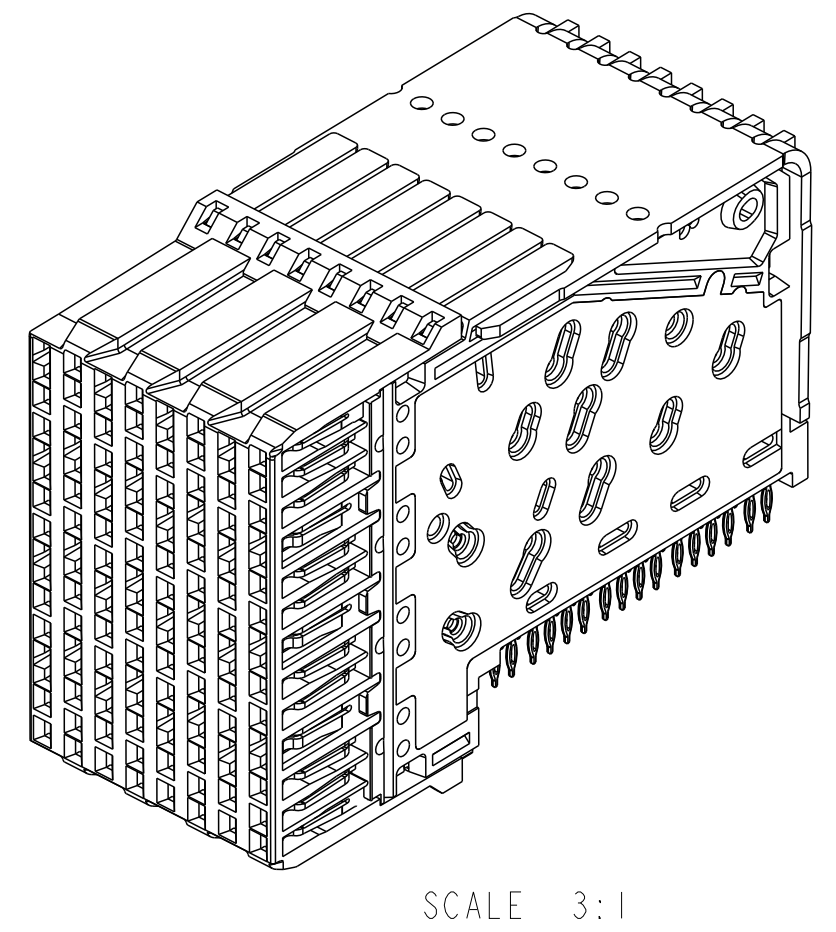
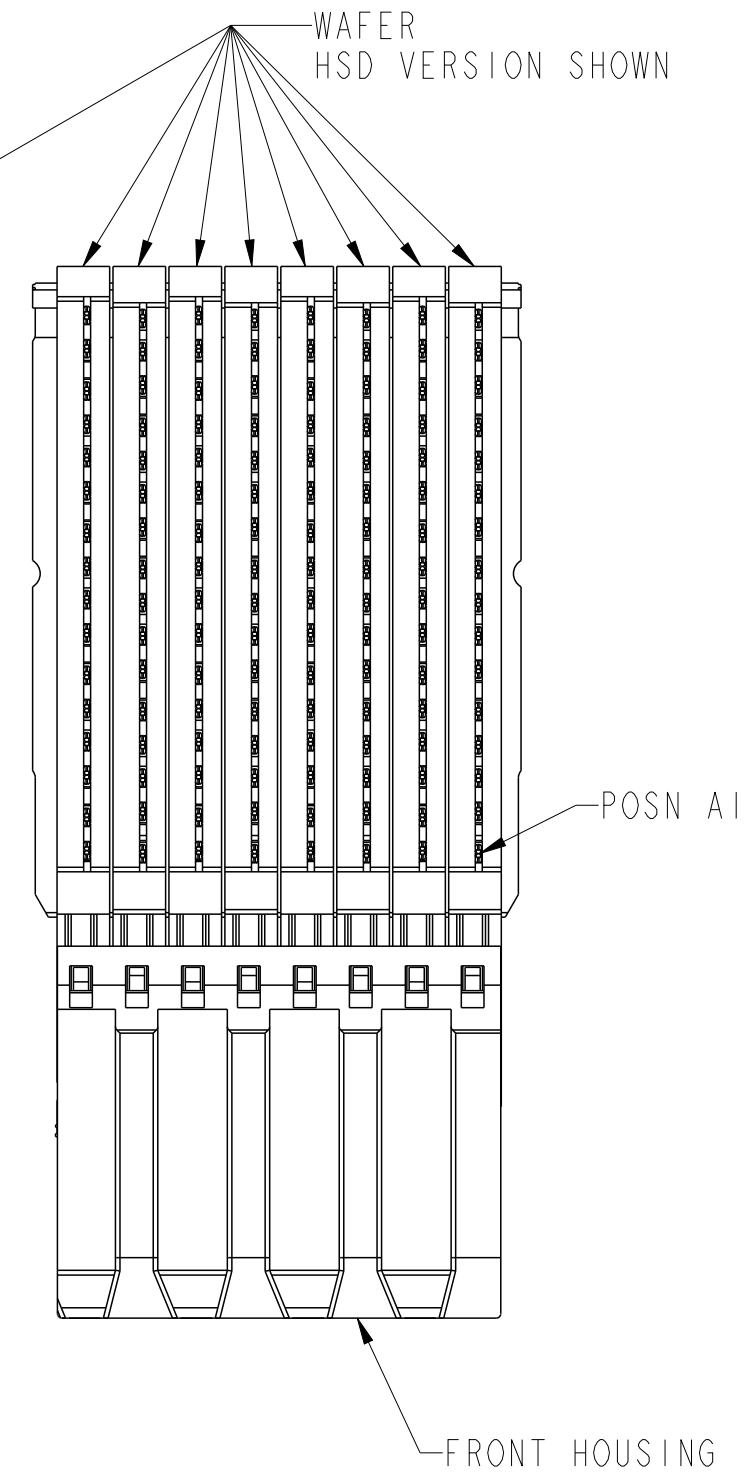
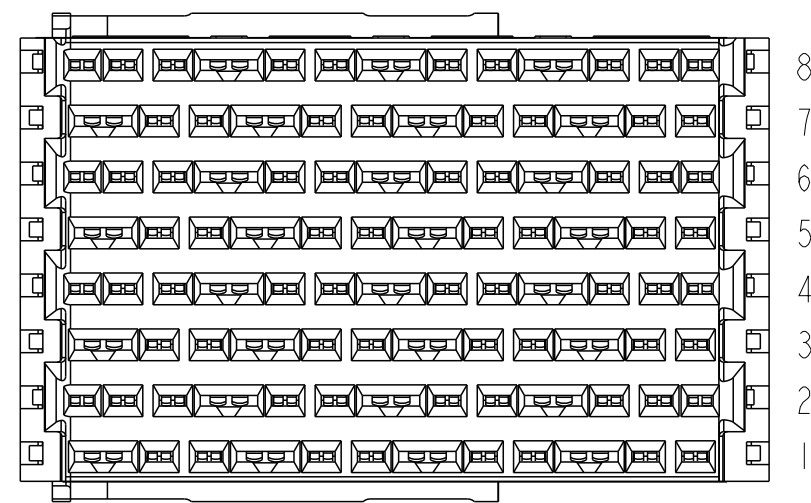
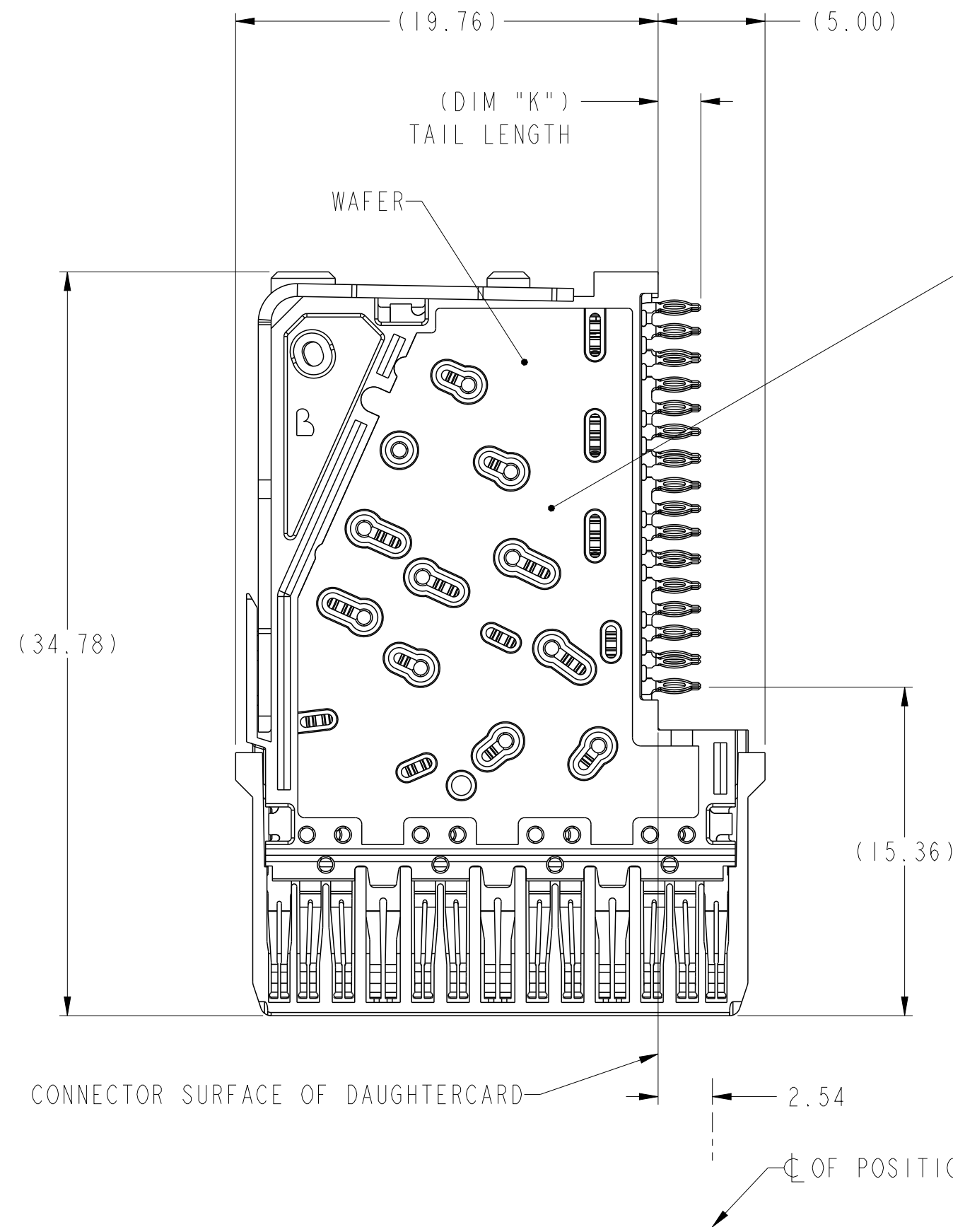
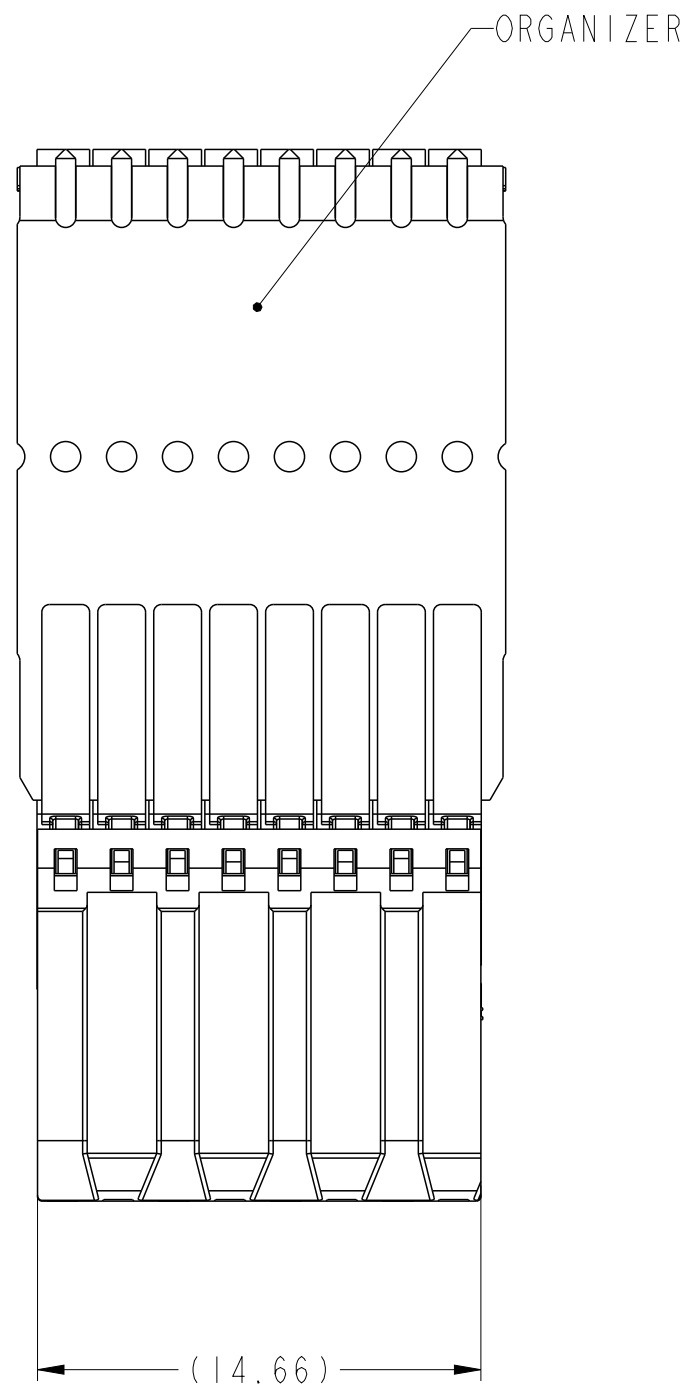
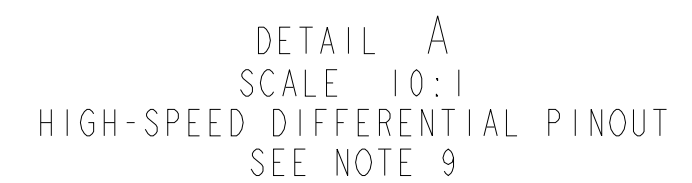
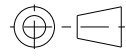
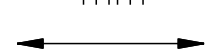




spec ref	SEE NOTES			dr Jim Swain		2010/01/22	projection		mm		size A2	scale 3:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Matthew Cheong		2012/04/30			ecn no		ELX-S-011499-1			
ASME Y14.5				chr -		-			rel lev		Released			
appr Chen-Hong Tan				2012/04/30	product family				XCede					
surface	linear	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 1 of 6		B

Printed: May 02, 2012

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																																	
10091812-101		NO	SEE NOTES 6 & 14		HSD	100Ω	STANDARD 0.57 (.0225")		2.0	TELCORDIA CO																																	
10091812-101LF		YES																																									
10091812-111		NO	SEE NOTES 6 & 15																																								
10091812-111LF		YES																																									
10091812-501		NO	SEE NOTES 6 & 14							TELCORDIA UE																																	
10091812-501LF		YES																																									
10091812-511		NO	SEE NOTES 6 & 15																																								
10091812-511LF		YES																																									
10091812-102		NO	SEE NOTES 6 & 14		HSD	100Ω	MICRO 0.45 (.0177")		1.3	TELCORDIA CO																																	
10091812-102LF		YES																																									
10091812-112		NO	SEE NOTES 6 & 15																																								
10091812-112LF		YES																																									
10091812-502		NO	SEE NOTES 6 & 14							TELCORDIA UE																																	
10091812-502LF		YES																																									
10091812-512		NO	SEE NOTES 6 & 15																																								
10091812-512LF		YES																																									
10091812-103		NO	SEE NOTES 6 & 14		LC	100Ω	STANDARD 0.57 (.0225")		2.0	TELCORDIA CO																																	
10091812-103LF		YES																																									
10091812-113		NO	SEE NOTES 6 & 15							TELCORDIA UE																																	
10091812-113LF		YES																																									
10091812-503		NO	SEE NOTES 6 & 14																																								
10091812-503LF		YES																																									
10091812-513		NO	SEE NOTES 6 & 15																																								
10091812-513LF		YES																																									
10091812-104		NO	SEE NOTES 6 & 14		LC	100Ω	MICRO 0.45 (.0177")		1.3	TELCORDIA CO																																	
10091812-104LF		YES																																									
10091812-114		NO	SEE NOTES 6 & 15							TELCORDIA UE																																	
10091812-114LF		YES																																									
10091812-504		NO	SEE NOTES 6 & 14																																								
10091812-504LF		YES																																									
10091812-514		NO	SEE NOTES 6 & 15																																								
10091812-514LF		YES																																									
												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		-		-						rel lev		Released											
												ASME Y14.5								appr		Chen-Hong Tan		2012/04/30						product family		XCede											
																surface		linear		0.X		±				title		RECEPT MODULE, RIGHT ANGLE				diag no		10091812		rev		B					
																ASME Y14.5		angular		0°		±																					
																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: May 02, 2012			

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							
								ATTRIBUTE	STANDARD TAIL	MICRO TAIL					
								DRILL	Ø0.57 (.0225")	Ø0.45 (.0177")					
								PTH	Ø0.46±0.05	Ø0.36±0.05					
								PAD SEE NOTE 8	Ø0.88	Ø0.75					
								MIN PCB THICKNESS	1.60	1.10					
10091812-105	NO	SEE NOTES 6 & 14	HSD	85Ω	STANDARD 0.57 (.0225")	2.0	TELCORDIA CO								
10091812-105LF	YES														
10091812-115	NO	SEE NOTES 6 & 15													
10091812-115LF	YES														
10091812-505	NO	SEE NOTES 6 & 14					TELCORDIA UE								
10091812-505LF	YES														
10091812-515	NO	SEE NOTES 6 & 15													
10091812-515LF	YES														
10091812-106	NO	SEE NOTES 6 & 14	HSD	85Ω	MICRO 0.45 (.0177")	1.3	TELCORDIA CO								
10091812-106LF	YES														
10091812-116	NO	SEE NOTES 6 & 15													
10091812-116LF	YES														
10091812-506	NO	SEE NOTES 6 & 14					TELCORDIA UE								
10091812-506LF	YES														
10091812-516	NO	SEE NOTES 6 & 15													
10091812-516LF	YES														
10091812-107 	NO	SEE NOTES 6 & 14	LC	85Ω	STANDARD 0.57 (.0225")	2.0	TELCORDIA CO								
10091812-107LF 	YES														
10091812-117 	NO	SEE NOTES 6 & 15													
10091812-117LF 	YES														
10091812-507 	NO	SEE NOTES 6 & 14					TELCORDIA UE								
10091812-507LF 	YES														
10091812-517 	NO	SEE NOTES 6 & 15													
10091812-517LF 	YES														
10091812-108 	NO	SEE NOTES 6 & 14	LC	85Ω	MICRO 0.45 (.0177")	1.3	TELCORDIA CO								
10091812-108LF 	YES														
10091812-118 	NO	SEE NOTES 6 & 15													
10091812-118LF 	YES														
10091812-508 	NO	SEE NOTES 6 & 14					TELCORDIA UE								
10091812-508LF 	YES														
10091812-518 	NO	SEE NOTES 6 & 15													
10091812-518LF 	YES														

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

1

2

3

4

5

PDS: Rev :B

spec ref

SEE NOTES

dr

Jim Swain

2010/01/22

eng

Matthew Cheong

2012/04/30

chr

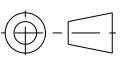
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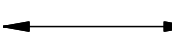
Chen-Hong Tan

2012/04/30

projection



mm



size

A2

scale

2:1

ecn no

ELX-S-011499-1

rel level

Released

surface

✓

ASME Y14.5

linear

0.X

±-

0.XX

±-

0.XXX

±-

angular

0°

±-°



RECEIPT MODULE, RIGHT ANGLE

8 COLUMN, 4 PAIR

cat. no.

SEE PART NUMBER TABLE

Product - Customer Drw

sheet 4 of 6

dwg no

10091812

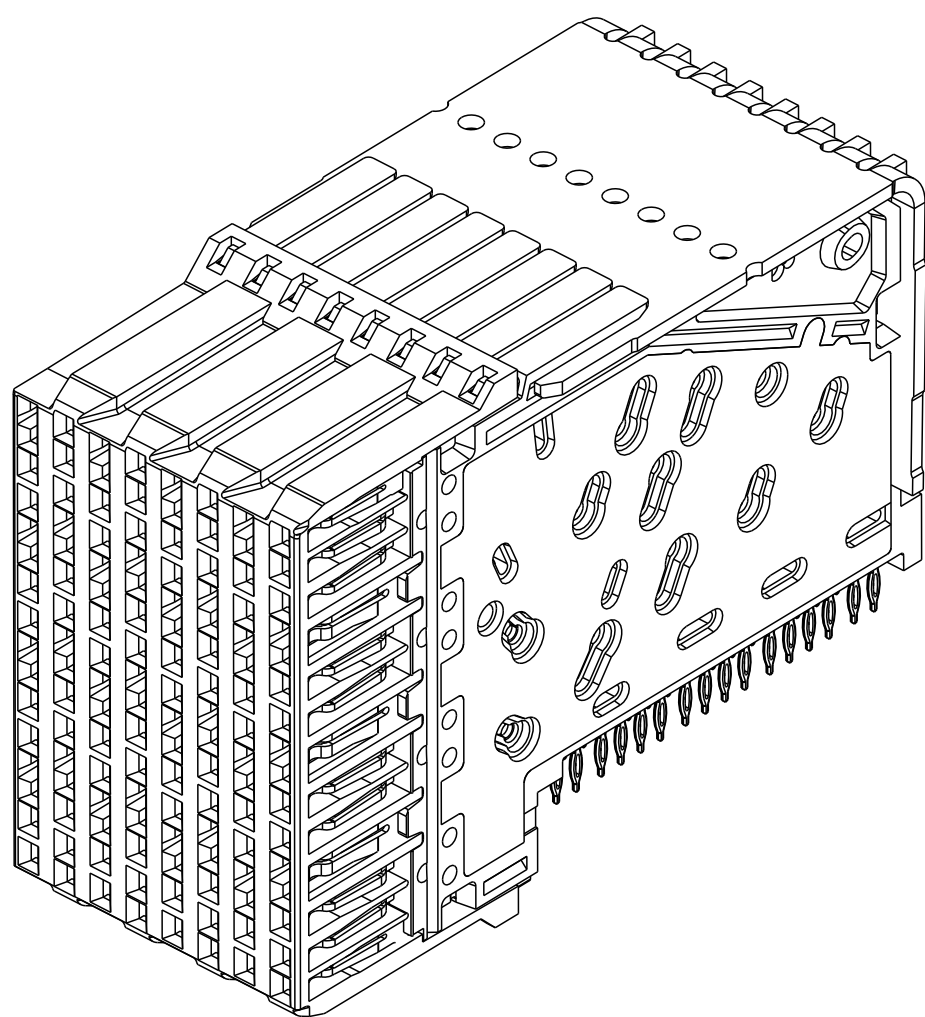
rev

B

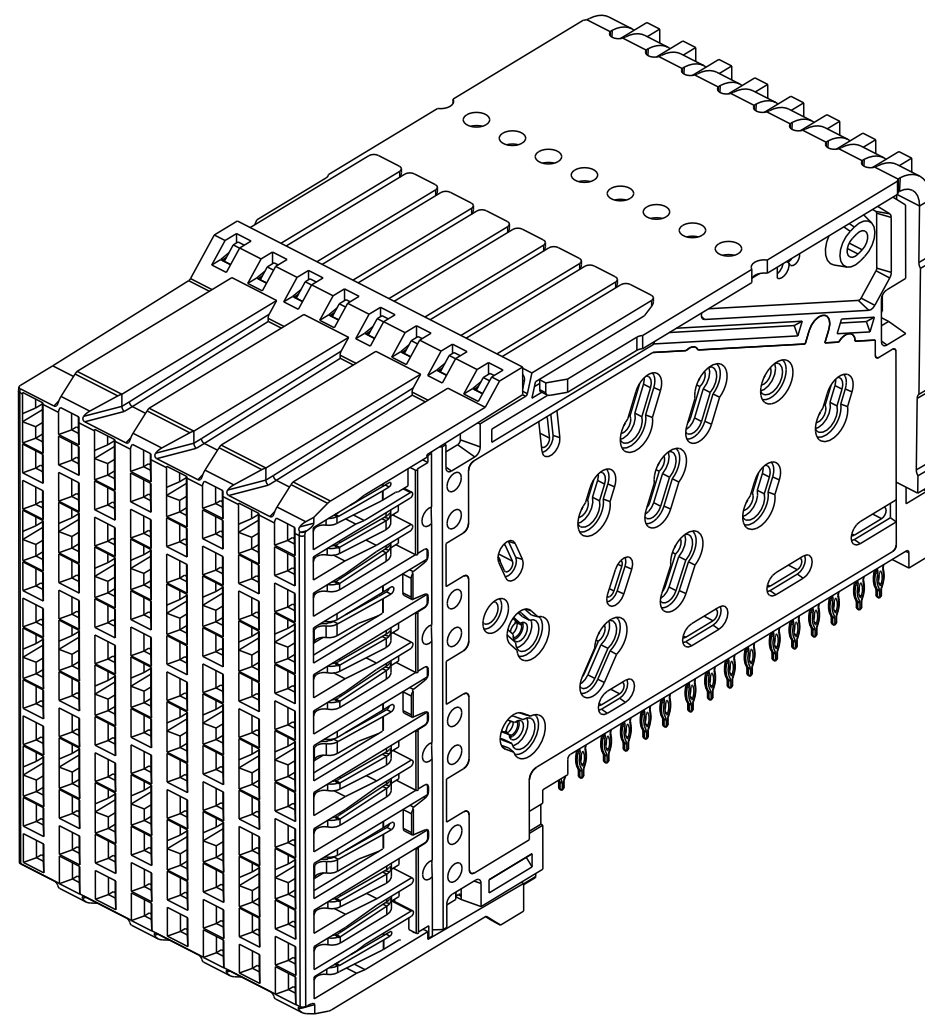
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Printed: May 02, 2012

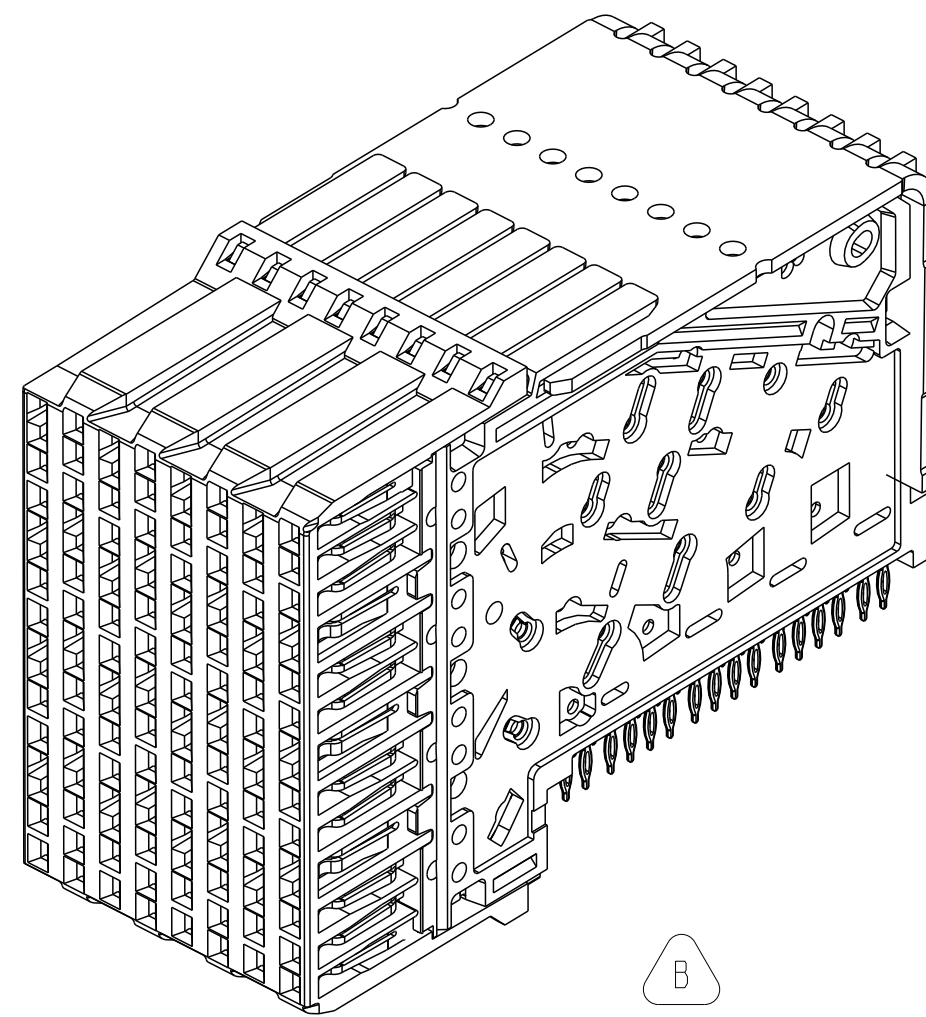
A
B
C
D
E
F



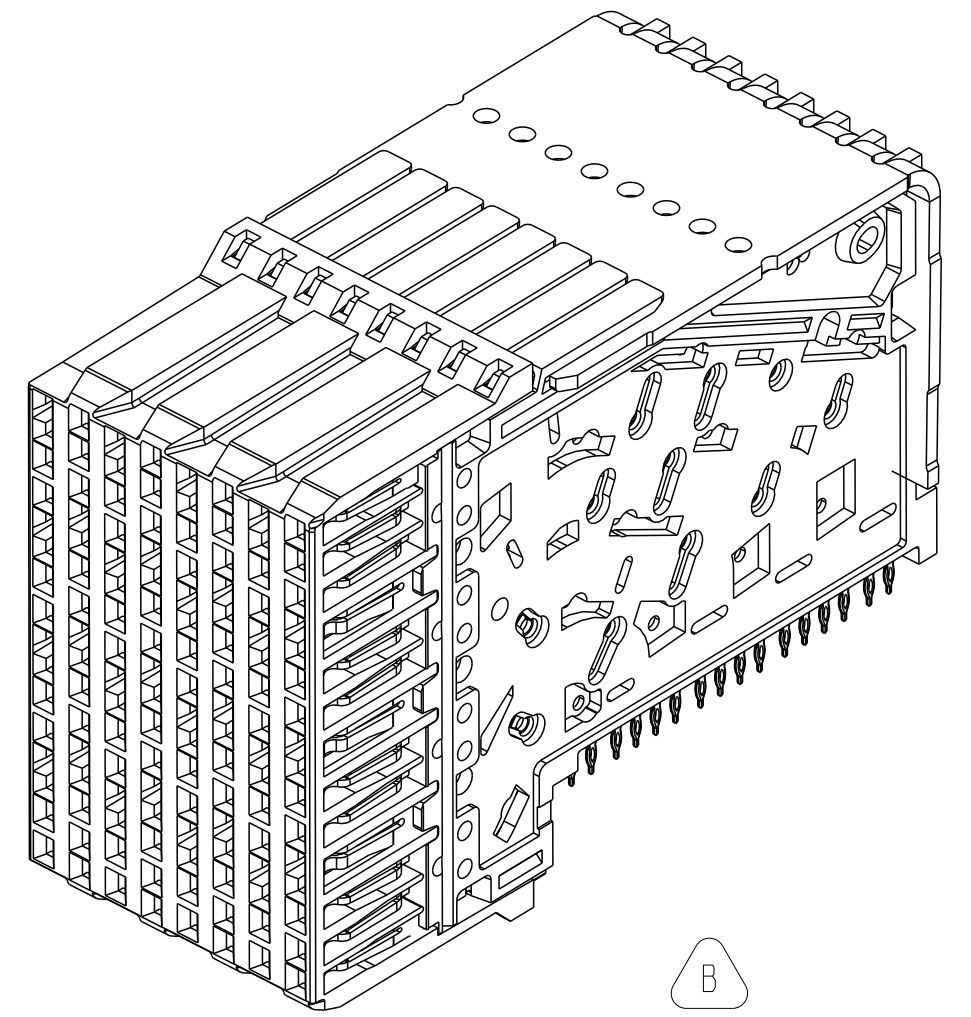
10091812-X01 & -X05
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 14



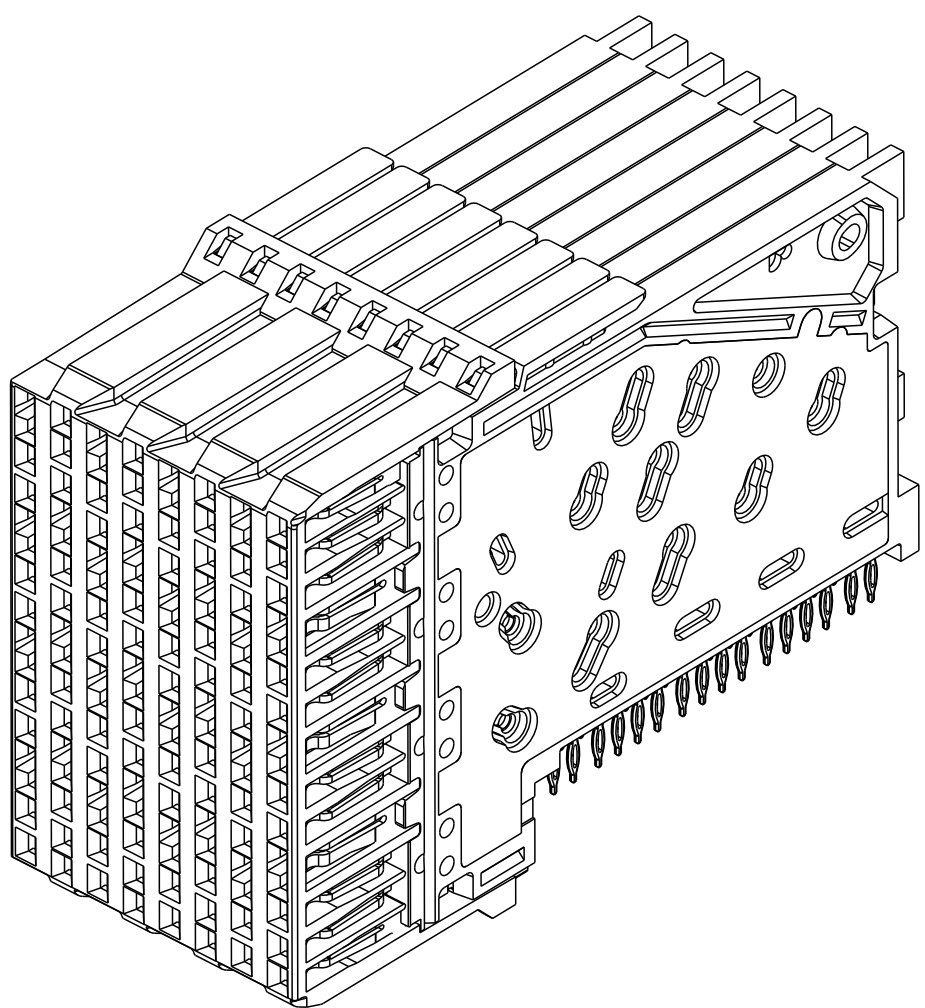
10091812-X02 & X06
HSD / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



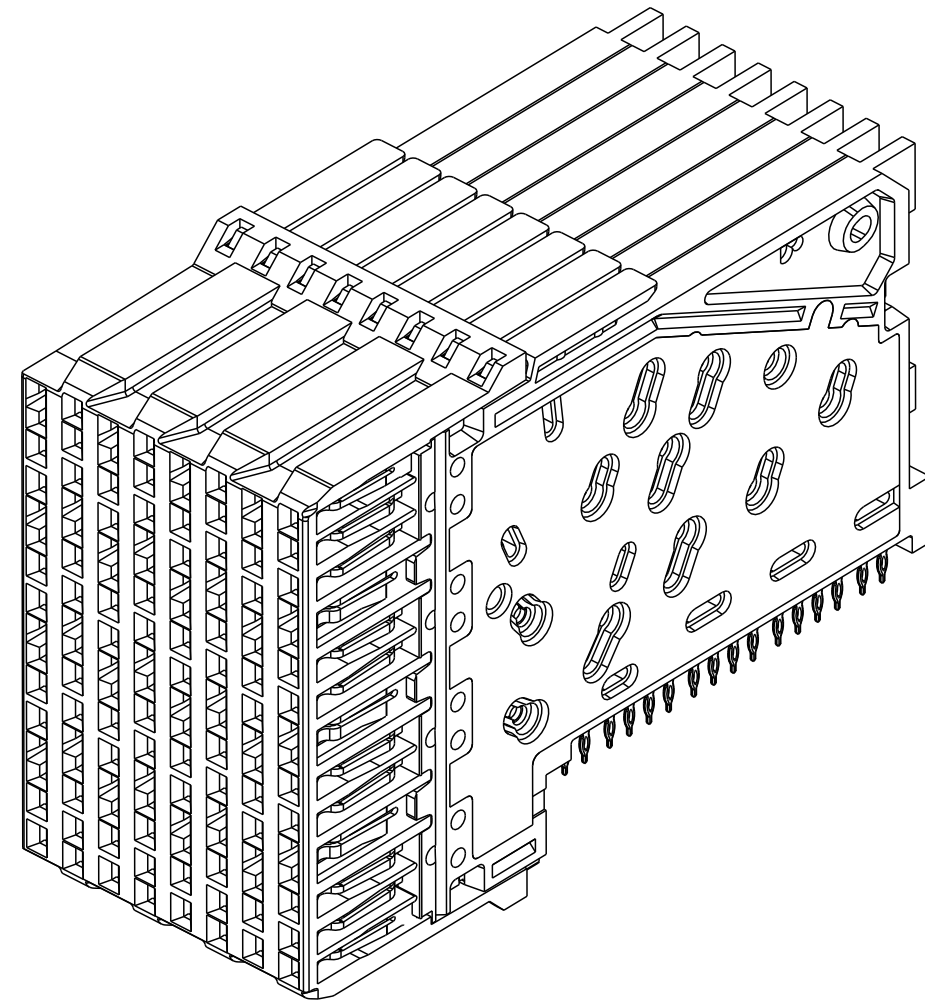
10091812-X03 & X07
LC / 100Ω & 85Ω / STD EON
SEE NOTE 14



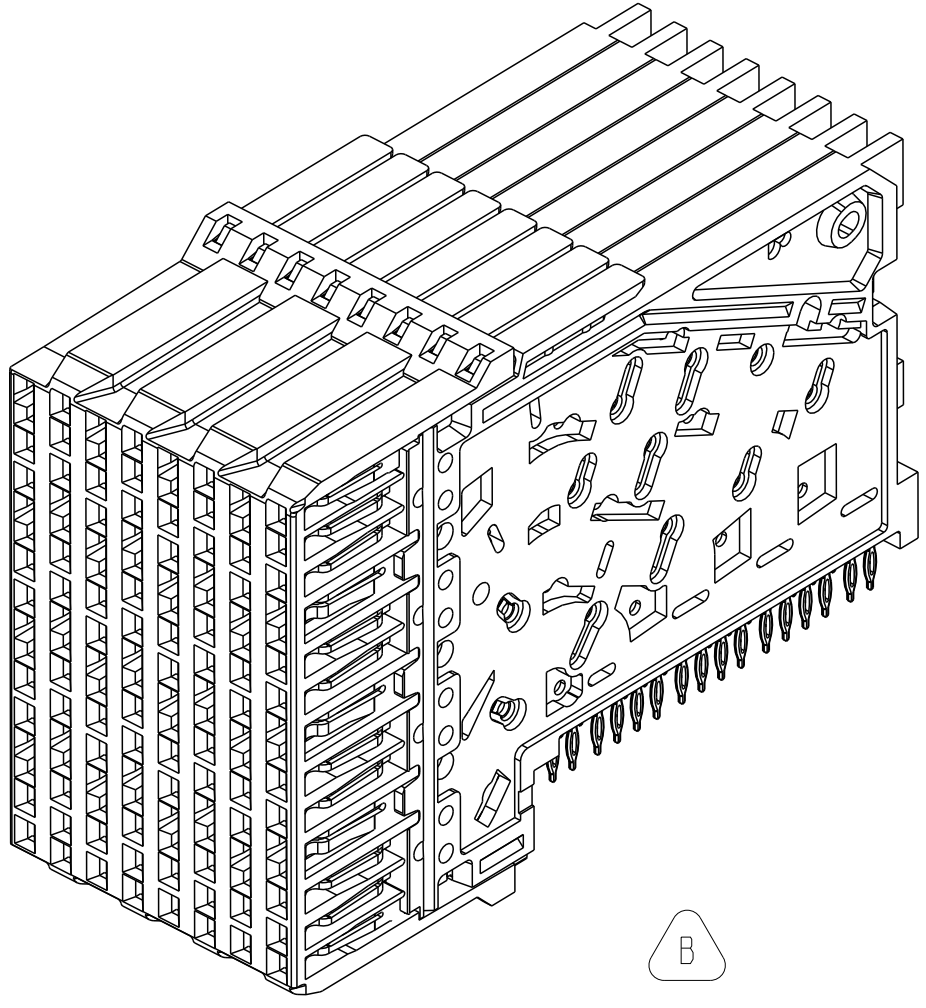
10091812-X04 & X08
LC / 100Ω & 85Ω / MICRO EON
SEE NOTE 14



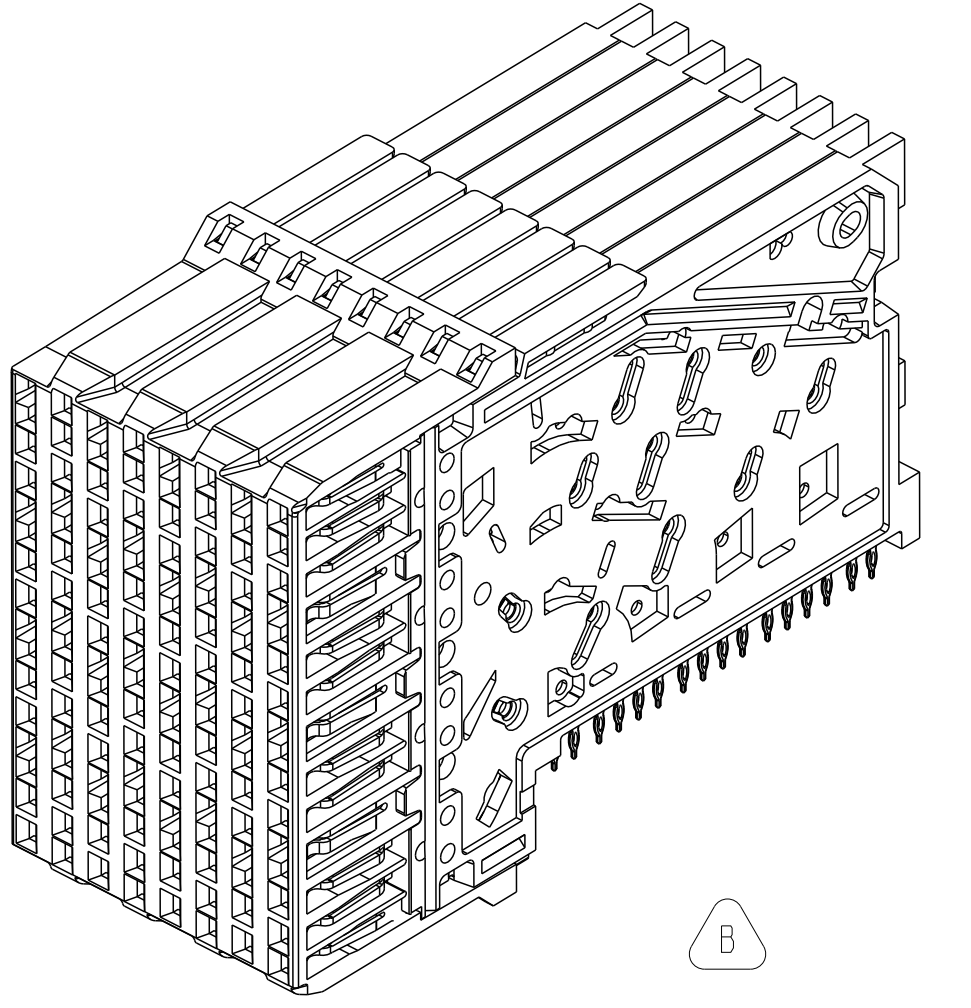
10091812-X11 & -X15
HSD / 100Ω & 85Ω / STD EON
SEE NOTE 15



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

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	-	-	product family	XCede			rel lev	Released	
	appr	Chen-Hong Tan			2012/04/30								
surface 	linear	0.X	±-		title	RECEPT MODULE, RIGHT ANGLE 8 COLUMN, 4 PAIR			dwg no	10091812		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			

PDS: Rev :B

STATUS:Released

Printed: May 02, 2012



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.

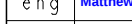
12. PACKAGING MEETS FCI SPECIFICATION GS-14-920 FOR LEAD-FREE LABELING.

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		-		-								product family		XCede		rel lev		Released	
					appr		Chen-Hong Tan		2012/04/30															
surface			linear		0.X		±		-				title		RECEPT MODULE, RIGHT ANGLE		dwg no		10091812		rev		B	
					0.XX		±		-															
					0.XXX		±		-															
ASME Y14.5		angular		0°		±		°		-		www.fci.com		cat. no.		SEE P/N TABLES		Product - Customer Drw		sheet 6 of 6				