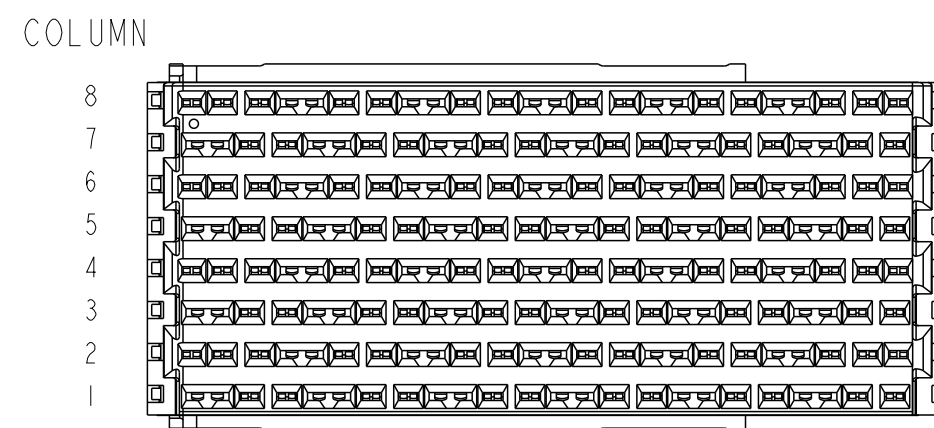
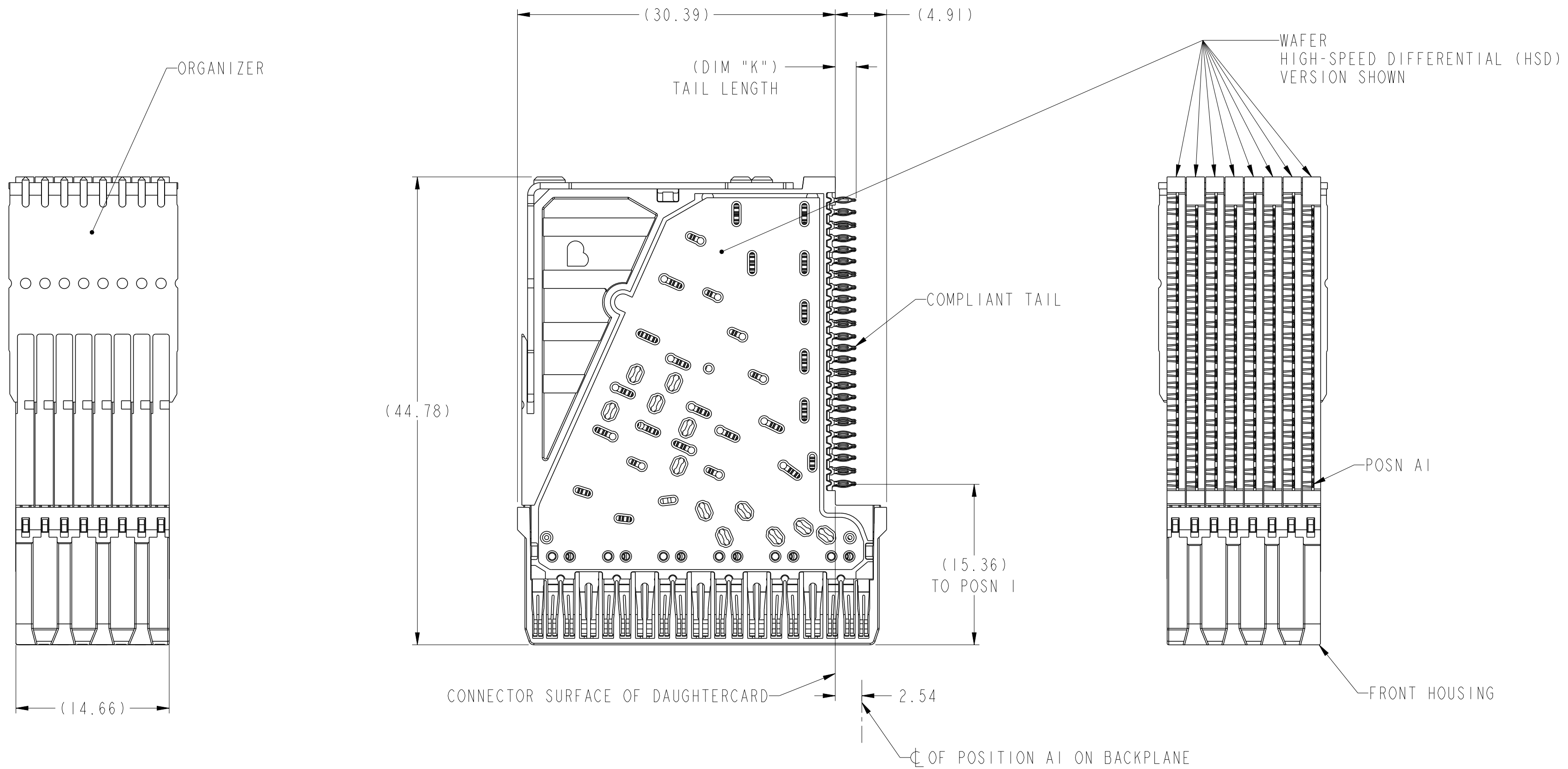
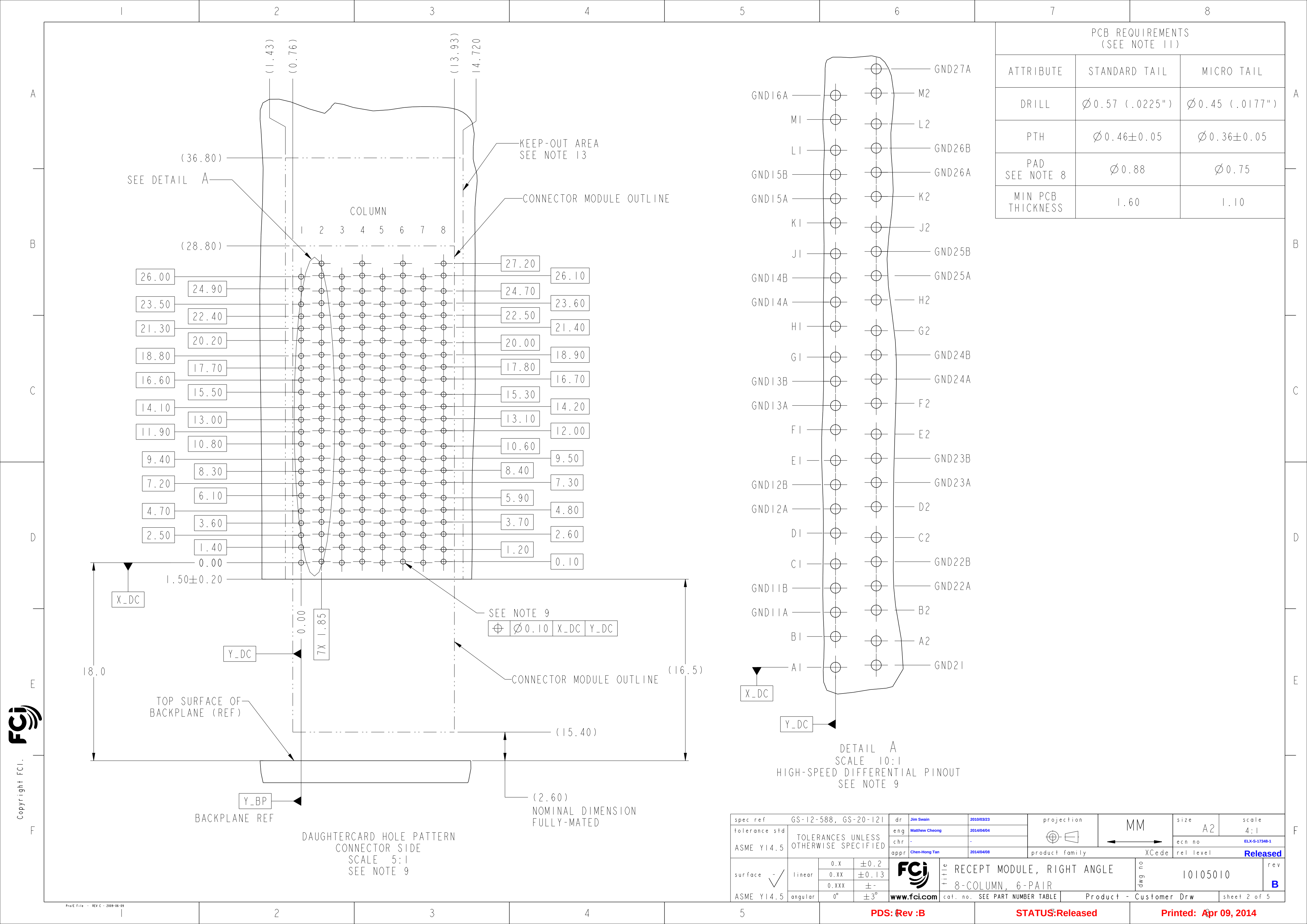




spec ref		GS-12-588, GS-20-12		dr		Jim Swain		2010/03/23		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Matthew Cheong		2014/04/04						ecn no		ELX-S-17348-1					
chr				-		rel level		Released													
ASME Y14.5				Chen-Hong Tan		2014/04/08		product family						XCede							
surface		linear		0.X		±0.2				title		RECEPT MODULE, RIGHT ANGLE		dwg no		10105010		rev		B	
		0.XX		±0.13																	
		0.XXX		±-																	
ASME Y14.5		angular		0°		±3°		www.fci.com		cat. no.		SEE PART NUMBER TABLE		Product - Customer Drw		sheet 1 of 5					



PCB REQUIREMENTS (SEE NOTE 11)		
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

spec ref	GS-12-588, GS-20-121	dr	Jim Swain	2010/03/23	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Matthew Cheong	2014/04/04	chr	-	ecn no	ELX-S-17348-1	rel level	Released
surface	linear	0.X	±0.2	0.XX	±0.13	0.XXX	±	0°	±3°	www.fci.com
ASME Y14.5	angular	0°	±3°	0°	±3°	0°	±3°	0°	±3°	www.fci.com
RECEIPT MODULE, RIGHT ANGLE			8-COLUMN, 6-PAIR			10105010			B	
cat. no. SEE PART NUMBER TABLE			Product - Customer Drw			sheet 2 of 5				

1		2		3		4		5		6		7		8	
A	PART NUMBER	LEAD FREE	MODULE DESCRIPTION AND USAGE NOTES	TELCORDIA APPLICATION (NOTE 16)	MODULE TYPE	IMPEDANCE	COMPLIANT TAIL (EON)								
							SIZE	DRILL DIAMETER	LENGTH (DIM K)						
	10105010-101	NO	SEE NOTES 6 & 14	CO	HSD	100Ω	STD	0.57 (.0225")	2.0						
	10105010-101LF	YES													
	10105010-111	NO	SEE NOTES 6 & 15												
	10105010-111LF	YES													
	10105010-501	NO	SEE NOTES 6 & 14	UE	HSD	100Ω	STD	0.57 (.0225")	2.0						
	10105010-501LF	YES													
	10105010-511	NO	SEE NOTES 6 & 15												
	10105010-511LF	YES													
	10105010-102	NO	SEE NOTES 6 & 14	CO	HSD	100Ω	MICRO	0.45 (.0177")	1.5						
	10105010-102LF	YES													
	10105010-112	NO	SEE NOTES 6 & 15												
	10105010-112LF	YES													
	10105010-502	NO	SEE NOTES 6 & 14	UE	HSD	100Ω	MICRO	0.45 (.0177")	1.5						
	10105010-502LF	YES													
10105010-512	NO	SEE NOTES 6 & 15													
10105010-512LF	YES														
10105010-103	NO	SEE NOTES 6 & 14	CO	LC	100Ω	STD	0.57 (.0225")	2.0							
10105010-103LF	YES														
10105010-113	NO	SEE NOTES 6 & 15													
10105010-113LF	YES														
10105010-503	NO	SEE NOTES 6 & 14	UE	LC	100Ω	STD	0.57 (.0225")	2.0							
10105010-503LF	YES														
10105010-513	NO	SEE NOTES 6 & 15													
10105010-513LF	YES														
10105010-104	NO	SEE NOTES 6 & 14	CO	LC	100Ω	MICRO	0.45 (.0177")	1.5							
10105010-104LF	YES														
10105010-114	NO	SEE NOTES 6 & 15													
10105010-114LF	YES														
10105010-504	NO	SEE NOTES 6 & 14	UE	LC	100Ω	MICRO	0.45 (.0177")	1.5							
10105010-504LF	YES														
10105010-514	NO	SEE NOTES 6 & 15													
10105010-514LF	YES														

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spec ref		GS-12-588, GS-20-121		dr	Jim Swain	20100323	projection	MM	size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	20140404			ecn no ELX-S-17348-1				
ASME Y14.5													
chr				-	-								
appr				Chen-Hong Tan	20140408	product family							XCede
surface		linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE 8-COLUMN, 6-PAIR		diag no	10105010		rev	B
ASME Y14.5		angular	0°	±3°									
cat. no. SEE PART NUMBER TABLE		Product - Customer Drw		sheet 3 of 5									

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

1

2

3

4

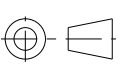
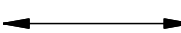
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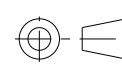
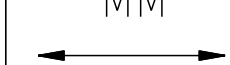
PDS: Rev :B

STATUS:Released

Printed: Apr 09, 2014

1		2		3		4		5		6		7		8									
PART NUMBER	LEAD FREE	MODULE DESCRIPTION AND USAGE NOTES	TELCORDIA APPLICATION (NOTE 16)	MODULE TYPE	IMPEDANCE	COMPLIANT TAIL (EON)																	
						SIZE	DRILL DIAMETER	LENGTH (DIM K)															
10105010-105	NO	SEE NOTES 6 & 14	CO	HSD	85Ω	STD	0.57 (.0225")	2.0															
10105010-105LF	YES																						
10105010-115	NO	SEE NOTES 6 & 15																					
10105010-115LF	YES																						
10105010-505	NO	SEE NOTES 6 & 14	UE						HSD	85Ω	STD	0.57 (.0225")	2.0										
10105010-505LF	YES																						
10105010-515	NO	SEE NOTES 6 & 15																					
10105010-515LF	YES																						
10105010-605LF 	YES	SEE NOTE 6, 14 & 17	CO											HSD	85Ω	MICRO	0.45 (.0177")	1.5					
10105010-615LF 	YES	SEE NOTE 6, 15 & 17																					
10105010-106	NO	SEE NOTES 6 & 14	CO																HSD	85Ω	MICRO	0.45 (.0177")	1.5
10105010-106LF	YES																						
10105010-116	NO	SEE NOTES 6 & 15																					
10105010-116LF	YES																						
10105010-506	NO	SEE NOTES 6 & 14	UE	HSD	85Ω	MICRO	0.45 (.0177")	1.5															
10105010-506LF	YES																						
10105010-516	NO	SEE NOTES 6 & 15																					
10105010-516LF	YES																						
10105010-606LF 	YES	SEE NOTE 6, 14 & 17	CO						LC	85Ω	STD	0.57 (.0225")	2.0										
10105010-616LF 	YES	SEE NOTE 6, 15 & 17																					
10105010-107	NO	SEE NOTES 6 & 14	CO											LC	85Ω	STD	0.57 (.0225")	2.0					
10105010-107LF	YES																						
10105010-117	NO	SEE NOTES 6 & 15																					
10105010-117LF	YES																						
10105010-507	NO	SEE NOTES 6 & 14	UE																LC	85Ω	MICRO	0.45 (.0177")	1.5
10105010-507LF	YES																						
10105010-517	NO	SEE NOTES 6 & 15																					
10105010-517LF	YES																						
10105010-108	NO	SEE NOTES 6 & 14	CO	LC	85Ω	MICRO	0.45 (.0177")	1.5															
10105010-108LF	YES																						
10105010-118	NO	SEE NOTES 6 & 15																					
10105010-118LF	YES																						
10105010-508	NO	SEE NOTES 6 & 14	UE						LC	85Ω	MICRO	0.45 (.0177")	1.5										
10105010-508LF	YES																						
10105010-518	NO	SEE NOTES 6 & 15																					
10105010-518LF	YES																						

spec ref	GS-12-588, GS-20-121			dr	Jim Swain	2010/03/23	projection			size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2014/04/04	ecn no			ELX-S-17348-1				
chr				-	-	Released								
ASME Y14.5				ASME Y14.5			appr			Chen-Hong Tan	2014/04/08	product family	XCede	rel level
surface		linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE			dwg no	10105010		rev	B
			0.XX	±0.13										
			0.XXX	±-										
ASME Y14.5		angular	0°	±3°	www.fci.com	cat. no. SEE PART NUMBER TABLE			Product - Customer Drw			sheet 4 of 5		

spec ref	GS-12-588, GS-20-12			dr	Jim Swain	2010/03/23			size	A2	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2014/04/04			ecn no		ELX-S-17348-1			
ASME Y14.5				chr	-	-			rel level		Released			
				appr	Chen-Hong Tan	2014/04/08	product family		XCede					
surface 	linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE 8-COLUMN, 6-PAIR				dwg no	10105010		rev	B
		0.XX	±0.13											
ASME Y14.5		0.XXX	±-											
	angular	0°	±3°	www.fci.com	cat. no. SEE PART NUMBER TABLE		Product - Customer Drw				sheet 4 of 5			

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 (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE.

PRESS-FIT TAILS:
TIN-LEAD ALLOY OVER NICKEL, OR
TIN OVER NICKEL (LEAD-FREE)
SEE "LEAD-FREE" COLUMN IN PART NUMBER 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
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.

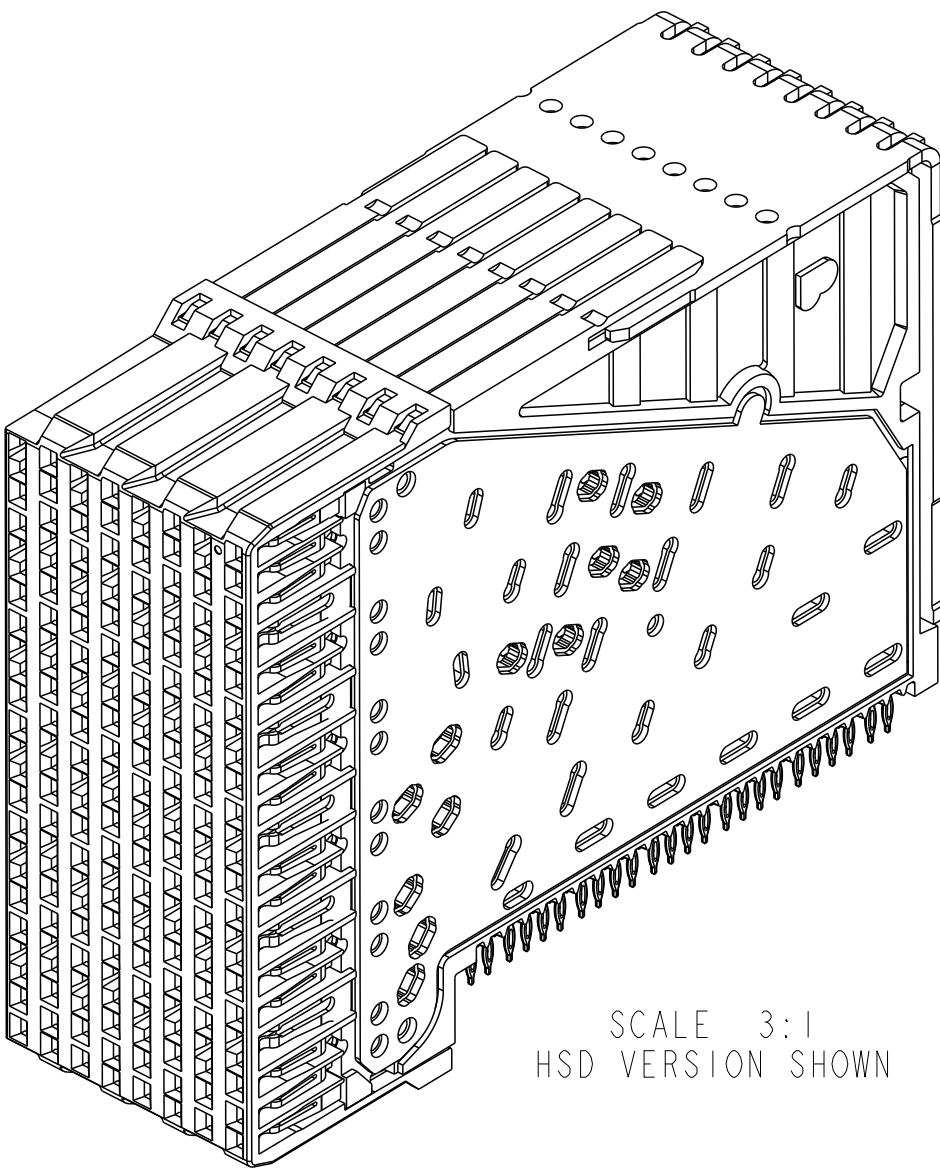
14. INDIVIDUAL MODULE ASSEMBLIES INCLUDING ASSEMBLED METAL ORGANIZER. THESE MODULES
ARE TO BE USED FOR SAMPLING AND INITIAL EVALUATION ONLY. REF NOTE 6.

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.

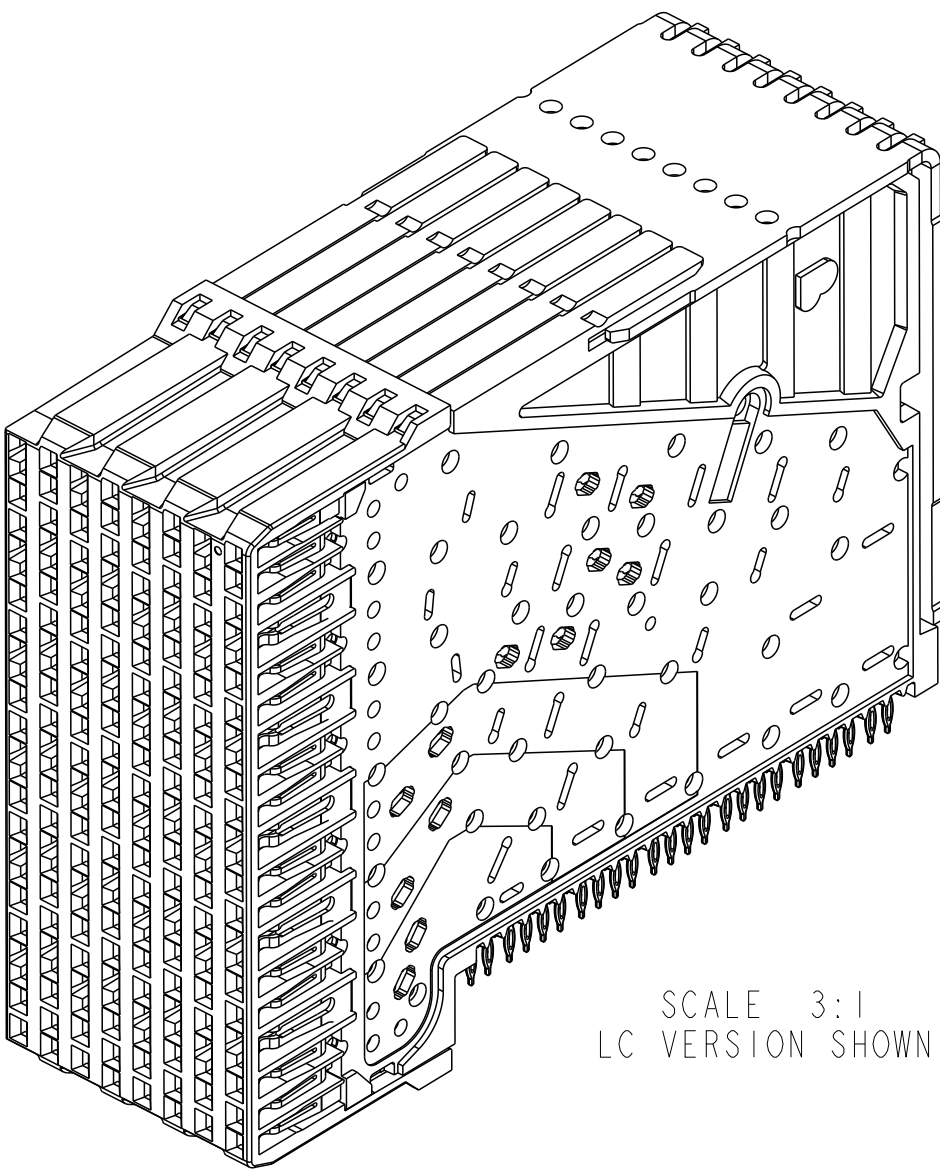
16. CO = TECORDIA GR-1217-CORE CENTRAL OFFICE APPLICATIONS
UE = TELCORDIA GR-1217 UNCONTROLLED ENVIRONMENT APPLICATIONS

17. CUSTOMER SPECIAL PARTNO.

18. A SYMBOL WILL BE NEXT TO ANY DIMENSION, NOTES OR VIEW WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.



SCALE 3:1
HSD VERSION SHOWN



SCALE 3:1
LC VERSION SHOWN



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spec ref	GS-12-588, GS-20-121			dr	Jim Swain		2010/03/23		projection 	MM 	size	A2	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong		2014/04/04				ecn no	ELX-S-17348-1			
ASME Y14.5				chr	-		-				rel level	Released			
				appr	Chen-Hong Tan		2014/04/08				product family		XCede		
surface 	linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE 8-COLUMN, 6-PAIR					dwg no	10105010		rev	B
		0.XX	±0.13												
		0.XXX	±-												
ASME Y14.5	angular	0°	±3°	www.fci.com	cat. no.	SEE PART NUMBER TABLE			Product - Customer Drw			sheet 5 of 5			

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[10105010-103LF](#) [10105010-106LF](#)