

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

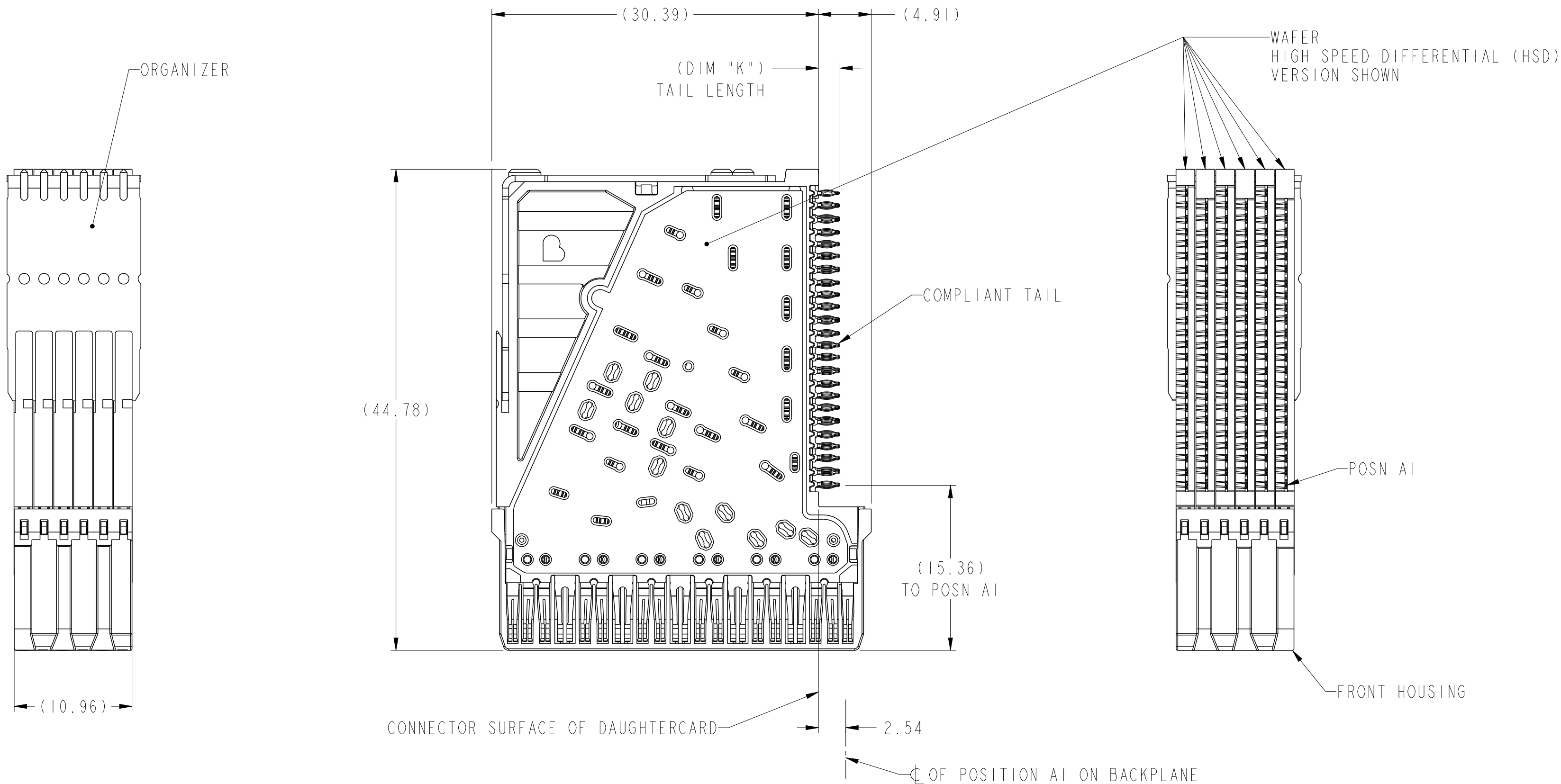
B

C

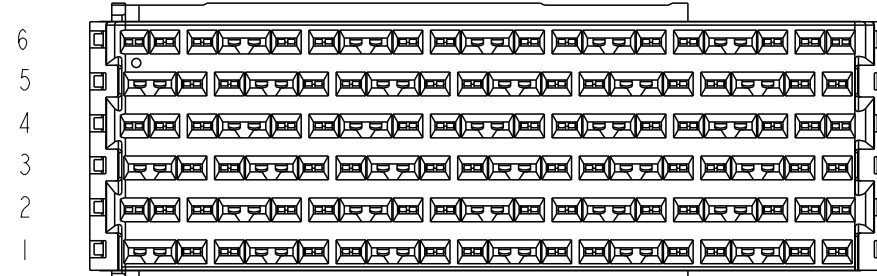
D

E

F



COLUMN

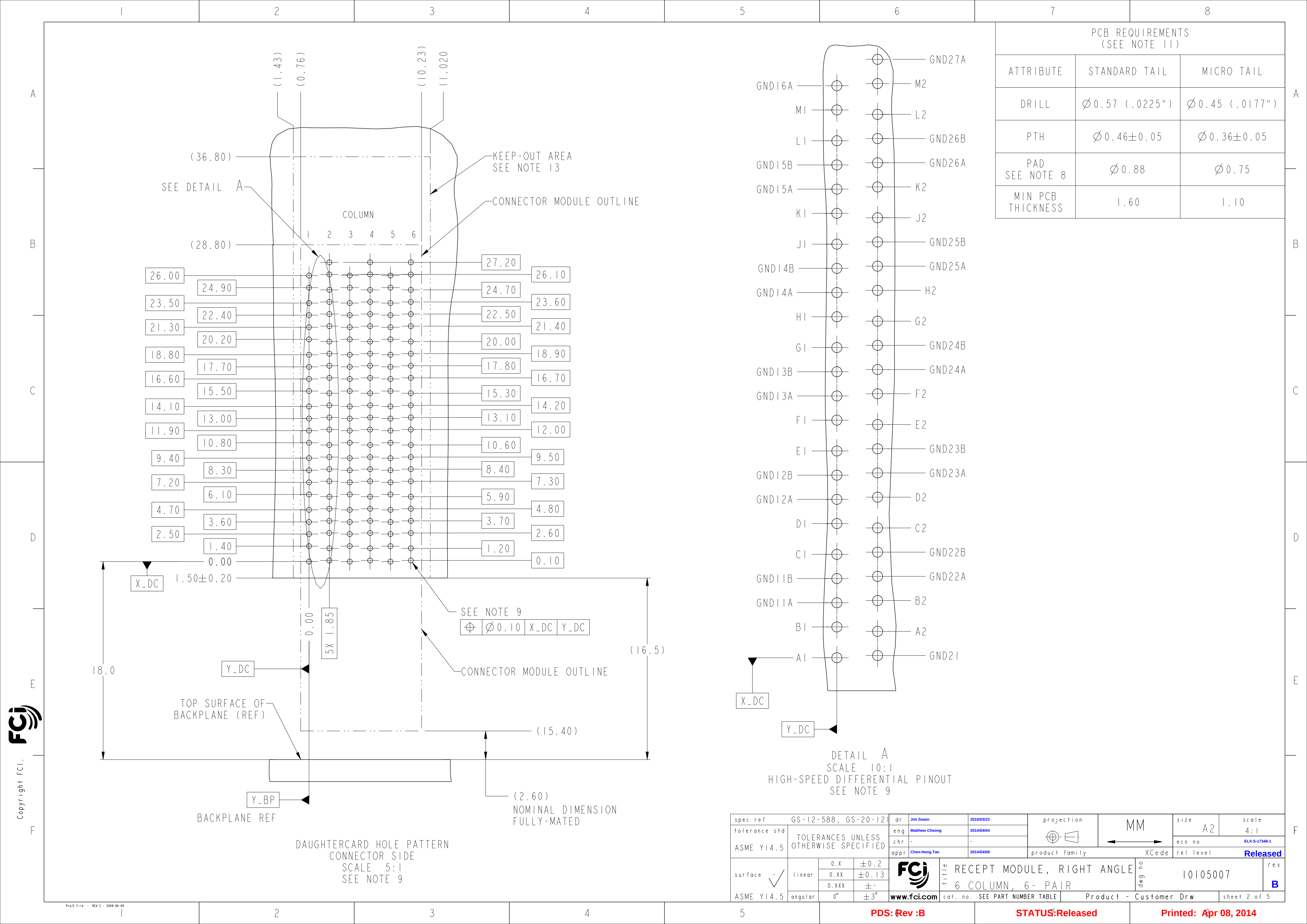


spec ref	GS-12-588, GS-20-12	dr	Jim Swain	2010/03/23	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Matthew Cheong	2014/04/04	chr	-	ecn no	ELX-S-17348-1	rel level	Released
surface	✓	appr	Chen-Hong Tan	2014/04/08	product family	XCede	rel level	Released	rev	B
linear	0.X ±0.2 0.XX ±0.13 0.XXX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

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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-20-12	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
TOLERANCES UNLESS OTHERWISE SPECIFIED			RECEIPT MODULE, RIGHT ANGLE			6 COLUMN, 6- PAIR			10105007	
cat. no. SEE PART NUMBER TABLE			Product - Customer Drw			sheet 2 of 5			rev B	

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)																																																																																								
A	10105007-101	NO	SEE NOTES 6 & 14	CO	HSD	100Ω	STD	0.57 (.0225")	2.0																																																																																							
	10105007-101LF	YES																																																																																														
	10105007-111	NO	SEE NOTES 6 & 15																																																																																													
	10105007-111LF	YES																																																																																														
B	10105007-501	NO	SEE NOTES 6 & 14	UE																																																																																												
	10105007-501LF	YES																																																																																														
	10105007-511	NO	SEE NOTES 6 & 15																																																																																													
	10105007-511LF	YES																																																																																														
C	10105007-102	NO	SEE NOTES 6 & 14	CO	HSD	100Ω	MICRO	0.45 (.0177")	1.5																																																																																							
	10105007-102LF	YES																																																																																														
	10105007-112	NO	SEE NOTES 6 & 15																																																																																													
	10105007-112LF	YES																																																																																														
	10105007-502	NO	SEE NOTES 6 & 14	UE																																																																																												
	10105007-502LF	YES																																																																																														
	10105007-512	NO	SEE NOTES 6 & 15																																																																																													
	10105007-512LF	YES																																																																																														
D	10105007-103	NO	SEE NOTES 6 & 14	CO	LC	100Ω	STD	0.57 (.0225")	2.0																																																																																							
	10105007-103LF	YES																																																																																														
	10105007-113	NO	SEE NOTES 6 & 15																																																																																													
	10105007-113LF	YES																																																																																														
	10105007-503	NO	SEE NOTES 6 & 14	UE																																																																																												
	10105007-503LF	YES																																																																																														
	10105007-513	NO	SEE NOTES 6 & 15																																																																																													
	10105007-513LF	YES																																																																																														
E	10105007-104	NO	SEE NOTES 6 & 14	CO	LC	100Ω	MICRO	0.45 (.0177")	1.5																																																																																							
	10105007-104LF	YES																																																																																														
	10105007-114	NO	SEE NOTES 6 & 15																																																																																													
	10105007-114LF	YES																																																																																														
	10105007-504	NO	SEE NOTES 6 & 14	UE																																																																																												
	10105007-504LF	YES																																																																																														
	10105007-514	NO	SEE NOTES 6 & 15																																																																																													
	10105007-514LF	YES																																																																																														
F																																																																																																
	<table><tr><td>spec ref</td><td colspan="3">GS-12-588, GS-20-121</td><td>dr</td><td>Jim Swain</td><td>2010/03/23</td><td>projection</td><td colspan="2">MM</td><td>size</td><td>A2</td><td>scale</td><td>4:1</td></tr><tr><td>tolerance std</td><td colspan="3" rowspan="4">TOLERANCES UNLESS OTHERWISE SPECIFIED</td><td>eng</td><td colspan="2">Matthew Cheong</td><td rowspan="4"></td><td rowspan="4"></td><td rowspan="4">ecn no</td><td colspan="5">ELX-S-17348-1</td></tr><tr><td>chr</td><td colspan="2">-</td><td rowspan="3">rel level</td><td colspan="3" rowspan="3">Released</td></tr><tr><td>appr</td><td colspan="2">Chen-Hong Tan</td></tr><tr><td colspan="2"></td></tr><tr><td rowspan="3">surface</td><td rowspan="3"></td><td>linear</td><td>0.X</td><td>±0.2</td><td rowspan="3"></td><td rowspan="3">title</td><td colspan="3" rowspan="3">RECEPT MODULE, RIGHT ANGLE 6 COLUMN, 6- PAIR</td><td rowspan="3">dwg no</td><td colspan="2" rowspan="3">10105007</td><td rowspan="3">rev</td><td rowspan="3">B</td></tr><tr><td></td><td>0.XX</td><td>±0.13</td></tr><tr><td></td><td>0.XXX</td><td>±-</td></tr><tr><td>ASME Y14.5</td><td></td><td>angular</td><td>0°</td><td>±3°</td><td>www.fci.com</td><td>cat. no.</td><td colspan="2">SEE PART NUMBER TABLE</td><td colspan="2">Product - Customer Drw</td><td colspan="3">sheet 3 of 5</td></tr></table>																					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				ecn no	ELX-S-17348-1					chr	-		rel level	Released			appr	Chen-Hong Tan				surface		linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE 6 COLUMN, 6- PAIR			dwg no	10105007		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 3 of 5	
spec ref	GS-12-588, GS-20-121			dr	Jim Swain	2010/03/23	projection	MM		size	A2	scale	4:1																																																																																			
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ASME Y14.5		angular	0°	±3°	www.fci.com	cat. no.	SEE PART NUMBER TABLE		Product - Customer Drw		sheet 3 of 5																																																																																					

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3

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5

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STATUS:Released

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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)																																	
B	10105007-105	NO	SEE NOTES 6 & 14	CO	HSD	85Ω	STD	0.57 (.0225")	2.0																																	
	10105007-105LF	YES																																								
	10105007-115	NO	SEE NOTES 6 & 15																																							
	10105007-115LF	YES																																								
C	10105007-505	NO	SEE NOTES 6 & 14	UE						HSD	85Ω	STD	0.57 (.0225")	2.0																												
	10105007-505LF	YES																																								
	10105007-515	NO	SEE NOTES 6 & 15																																							
	10105007-515LF	YES																																								
D	10105007-605LF		SEE NOTES 6, 14 & 17	CO											HSD	85Ω	STD	0.57 (.0225")	2.0																							
	10105007-615LF		SEE NOTES 6, 15 & 17																																							
	E	10105007-106	NO	SEE NOTES 6 & 14																						CO	HSD	85Ω	MICRO	0.45 (.0177")	1.5											
		10105007-106LF	YES																																							
10105007-116		NO	SEE NOTES 6 & 15																																							
10105007-116LF		YES																																								
F	10105007-506	NO	SEE NOTES 6 & 14	UE	HSD	85Ω	MICRO	0.45 (.0177")	1.5																																	
	10105007-506LF	YES																																								
	10105007-516	NO	SEE NOTES 6 & 15																																							
	10105007-516LF	YES																																								
G	10105007-606LF		SEE NOTES 6, 14 & 17	CO						HSD	85Ω	MICRO	0.45 (.0177")	1.5																												
	10105007-616LF		SEE NOTES 6, 15 & 17																																							
	H	10105007-107	NO	SEE NOTES 6 & 14																						CO						LC	85Ω	STD	0.57 (.0225")	2.0						
		10105007-107LF	YES																																							
10105007-117		NO	SEE NOTES 6 & 15																																							
10105007-117LF		YES																																								
I	10105007-507	NO	SEE NOTES 6 & 14	UE											LC	85Ω	STD	0.57 (.0225")	2.0																							
	10105007-507LF	YES																																								
	10105007-517	NO	SEE NOTES 6 & 15																																							
	10105007-517LF	YES																																								
J	10105007-108	NO	SEE NOTES 6 & 14	CO	LC	85Ω	MICRO	0.45 (.0177")	1.5																																	
	10105007-108LF	YES																																								
	10105007-118	NO	SEE NOTES 6 & 15																																							
	10105007-118LF	YES																																								
K	10105007-508	NO	SEE NOTES 6 & 14	UE						LC	85Ω	MICRO	0.45 (.0177")	1.5																												
	10105007-508LF	YES																																								
	10105007-518	NO	SEE NOTES 6 & 15																																							
	10105007-518LF	YES																																								

spec ref

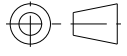
GS-12-588, GS-20-12

dr

Jim Swain

2010/03/23

projection



size

A2

scale

3:1

tolerance std

ASME Y14.5

eng

Matthew Cheong

2014/04/04

chr

-

-

apppr

Chen-Hong Tan

2014/04/08

product family

-

rel level

Released

surface



linear

0.X

±0.2

0.XX

±0.13

0.XXX

±-

ASME Y14.5

angular

0°

±3°



title

RECEPT MODULE, RIGHT ANGLE

6 COLUMN, 6- PAIR

cat. no.

-

Product - Customer Drw

sheet 4 of 5

dwg no

10105007

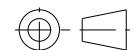
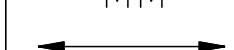
rev

B

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spec ref	GS-12-588, GS-20-12			dr	Jim Swain		2010/03/23	projection			size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong		2014/04/04				ecn no	ELX-S-17348-1		
ASME Y14.5				chr	-	-								
				appr	Chen-Hong Tan		2014/04/08	product family		-	rel level		Released	
surface ✓	linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE				dwg no	10105007		rev	B
		0.XX	±0.13											
		0.XXX	±-											
ASME Y14.5	angular	0°	±3°	www.fci.com		cat. no.	-	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 APPLICATION 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.

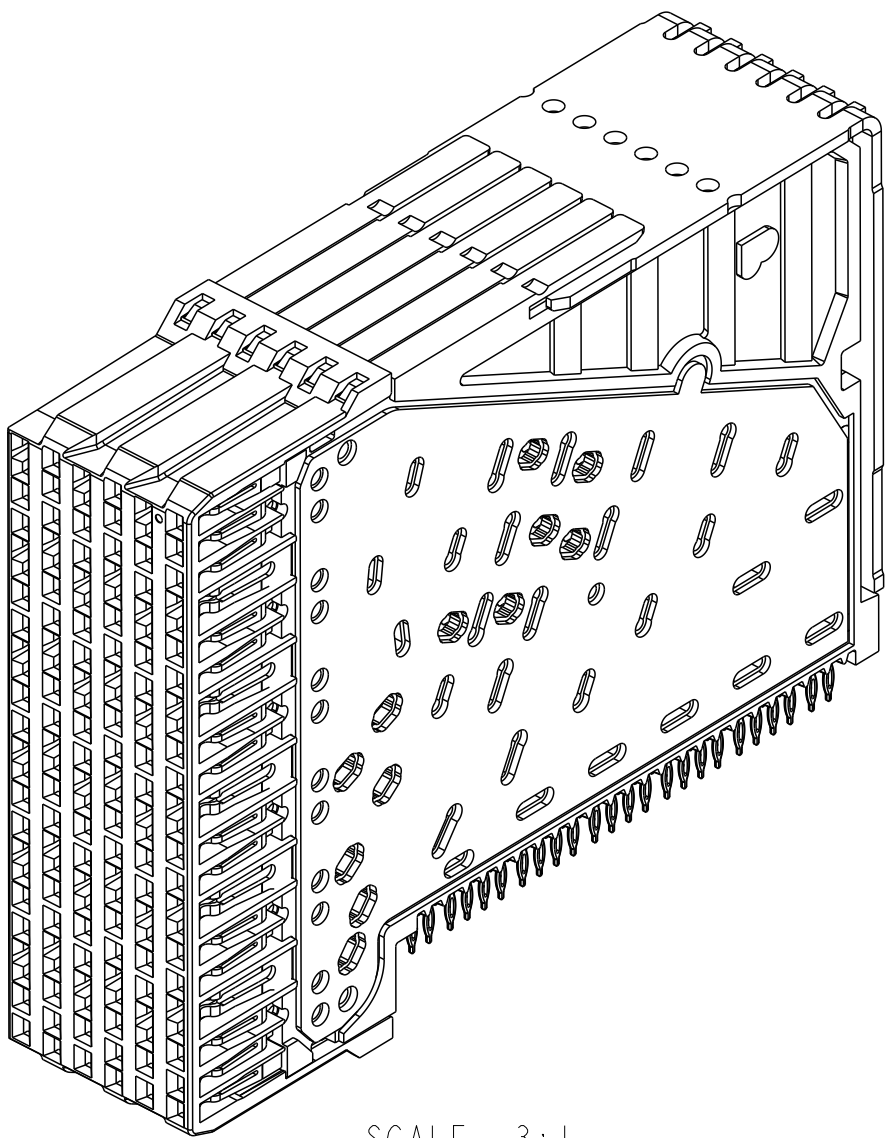
14. INDIVIDUAL MODULE ASSEMBLIES INCLUDING ASSEMBLED METAL ORGANIZER. THESE MODULES
ARE TO BE USED FOR SAMPLING AND INITIAL EVALUATION ONLY. REF NOTE 6.

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.

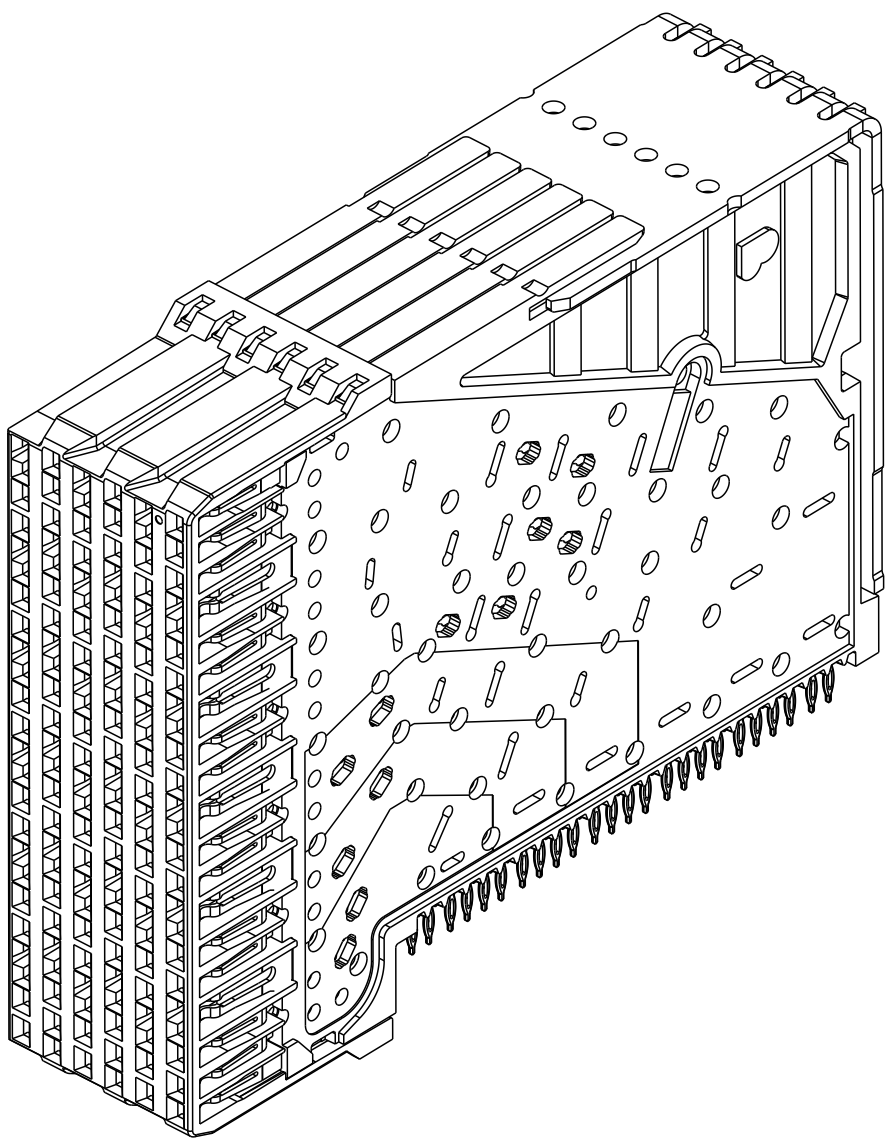
16. CO = TECORDIA GR-1217-CORE CENTRAL OFFICE APPLICATIONS
UE = TELCORDIA GR-1217 UNCONTROLLED ENVIRONMENT APPLICATIONS

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.



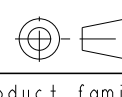
SCALE 3:1
HSD VERSION SHOWN



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			rel level			Released			
surface		linear	0.X	±0.2			title	RECEPT MODULE, RIGHT ANGLE 6 COLUMN, 6- PAIR					dwg no	10105007					rev	B	
ASME Y14.5			0.XX	±0.13																	
			0.XXX	±-																	
	angular	0°	±3°		www.fci.com		cat. no. SEE PART NUMBER TABLE			Product - Customer Drw					sheet 5 of 5						

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