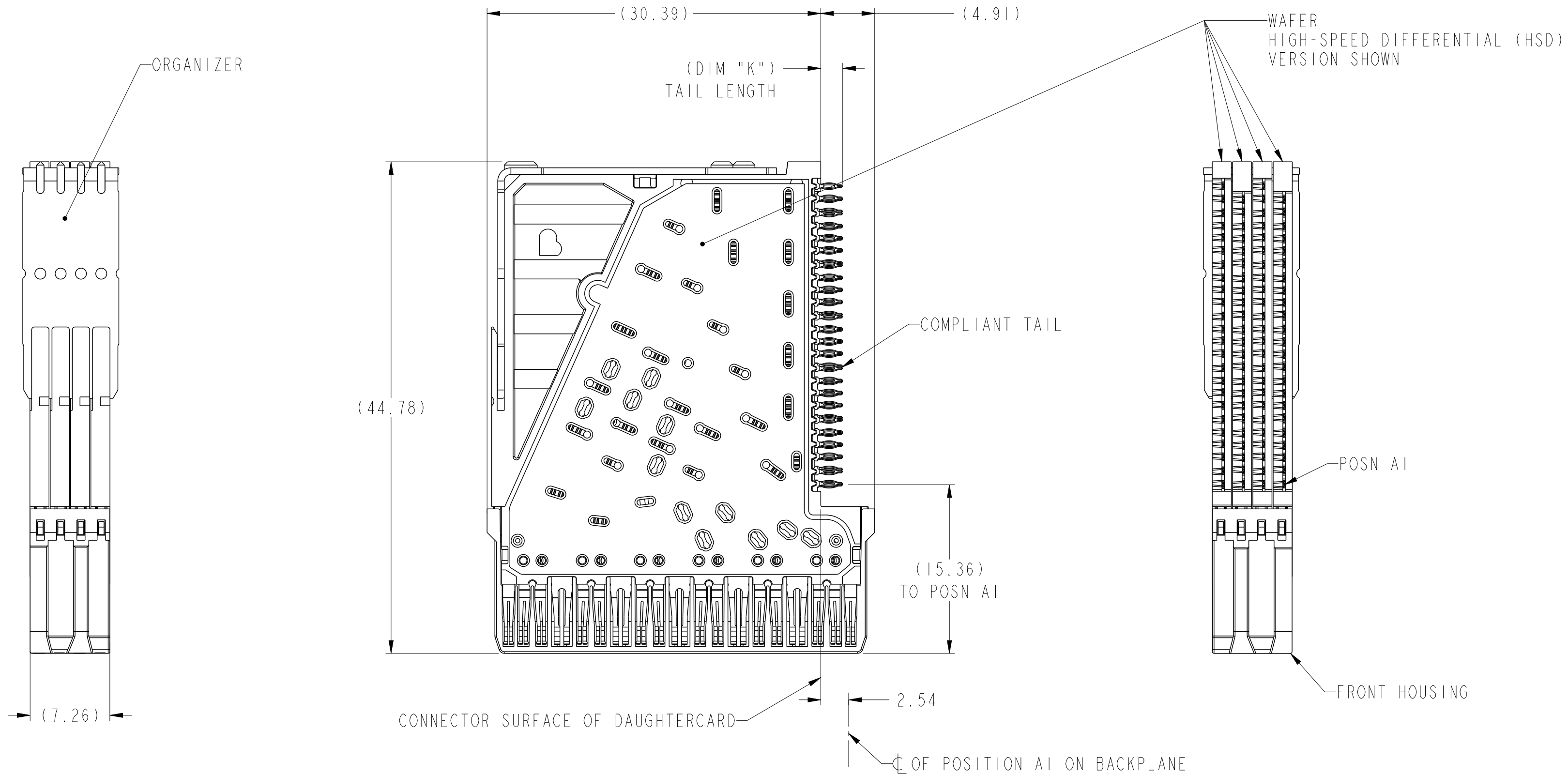


spec ref		GS-12-588 / GS-20-12		ldr		Jim Swain		2010/05/19		projection				MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Matthew Cheong		2014/04/04						ecn no		ELX-S-17348-1							
ASME Y14.5				chr		-		-								rel level							
				appr		Chen-Hong Tan		2014/04/08								Released							
surface				linear				title		RECEPT MODULE, RIGHT ANGLE 4-COLUMN, 6-PAIR		dwg no		10105004		rev		B					
																				0.X		±0.2	
																				0.XX		±0.13	
ASME Y14.5		angular		0°		±3°		www.fci.com		cat. no. SEE PART NUMBER TABLE		Product - Customer Drw		sheet 1 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)																			
B	10105004-101	NO	SEE NOTES 6 & 14	CO	HSD	100Ω	STD	0.57 (.0225")	2.0																		
	10105004-101LF	YES																									
	10105004-111	NO	SEE NOTES 6 & 15																								
	10105004-111LF	YES																									
	10105004-501	NO	SEE NOTES 6 & 14	UE																							
	10105004-501LF	YES																									
10105004-511	NO	SEE NOTES 6 & 15																									
10105004-511LF	YES																										
C	10105004-102	NO	SEE NOTES 6 & 14	CO		HSD	100Ω	MICRO	0.45 (.0177")							1.5											
	10105004-102LF	YES																									
	10105004-112	NO	SEE NOTES 6 & 15																								
	10105004-112LF	YES																									
	10105004-502	NO	SEE NOTES 6 & 14	UE																							
	10105004-502LF	YES																									
10105004-512	NO	SEE NOTES 6 & 15																									
10105004-512LF	YES																										
D	10105004-103	NO	SEE NOTES 6 & 14	CO	LC		100Ω	STD	0.57 (.0225")	2.0																	
	10105004-103LF	YES																									
	10105004-113	NO	SEE NOTES 6 & 15																								
	10105004-113LF	YES																									
	10105004-503	NO	SEE NOTES 6 & 14	UE																							
	10105004-503LF	YES																									
10105004-513	NO	SEE NOTES 6 & 15																									
10105004-513LF	YES																										
E	10105004-104	NO	SEE NOTES 6 & 14	CO		LC	100Ω	MICRO	0.45 (.0177")	1.5																	
	10105004-104LF	YES																									
	10105004-114	NO	SEE NOTES 6 & 15																								
	10105004-114LF	YES																									
	10105004-504	NO	SEE NOTES 6 & 14	UE																							
	10105004-504LF	YES																									
10105004-514	NO	SEE NOTES 6 & 15																									
10105004-514LF	YES																										
F																											

FCI

Copyright FCI.

spec ref	GS-12-588 / GS-20-121			dr	Jim Swain	2010/09/19	projection	size A2	scale 3:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Matthew Cheong	2014/04/04				
ASME Y14.5				chr	-	-				
				appr	Chen-Hong Tan	2014/04/08				product family
surface ✓	linear	0.X	±0.2	FCI	title RECEPT MODULE, RIGHT ANGLE 4-COLUMN, 6-PAIR				dwg no 10105004	rev B
		0.XX	±0.13							
		0.XXX	±-							
ASME Y14.5	angular	0°	±3°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 5	

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STATUS:Released

Printed: Apr 08, 2014

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	10105004-105	NO	SEE NOTES 6 & 14	CO	HSD	85Ω	STD	0.57 (.0225")	2.0																																														
	10105004-105LF	YES																																																					
	10105004-115	NO	SEE NOTES 6 & 15																																																				
	10105004-115LF	YES																																																					
B	10105004-505	NO	SEE NOTES 6 & 14	UE												85Ω	STD	0.57 (.0225")	2.0																																				
	10105004-505LF	YES																																																					
	10105004-515	NO	SEE NOTES 6 & 15																																																				
	10105004-515LF	YES																																																					
B	10105004-605LF 	YES	SEE NOTES 6, 15 & 17	CO																						85Ω	MICRO	0.45 (.0177")	1.5																										
	10105004-615LF 	YES	SEE NOTES 6, 15 & 17																																																				
	C	10105004-106	NO	SEE NOTES 6 & 14																																	CO	85Ω	MICRO	0.45 (.0177")	1.5														
		10105004-106LF	YES																																																				
10105004-116		NO	SEE NOTES 6 & 15																																																				
10105004-116LF		YES																																																					
C	10105004-506	NO	SEE NOTES 6 & 14	UE	85Ω	MICRO	0.45 (.0177")	1.5																																															
	10105004-506LF	YES																																																					
	10105004-516	NO	SEE NOTES 6 & 15																																																				
	10105004-516LF	YES																																																					
D	10105004-606LF 	YES	SEE NOTES 6, 14 & 17	CO											85Ω	MICRO	0.45 (.0177")	1.5																																					
	10105004-616LF 	YES	SEE NOTES 6, 15 & 17																																																				
	D	10105004-107	NO	SEE NOTES 6 & 14																																CO	85Ω											STD	0.57 (.0225")	2.0					
		10105004-107LF	YES																																																				
10105004-117		NO	SEE NOTES 6 & 15																																																				
10105004-117LF		YES																																																					
E	10105004-507	NO	SEE NOTES 6 & 14	UE																					85Ω	STD	0.57 (.0225")	2.0																											
	10105004-507LF	YES																																																					
	10105004-517	NO	SEE NOTES 6 & 15																																																				
	10105004-517LF	YES																																																					
E	10105004-108	NO	SEE NOTES 6 & 14	CO	85Ω	MICRO	0.45 (.0177")	1.5																																															
	10105004-108LF	YES																																																					
	10105004-118	NO	SEE NOTES 6 & 15																																																				
	10105004-118LF	YES																																																					
F	10105004-508	NO	SEE NOTES 6 & 14	UE											85Ω	MICRO	0.45 (.0177")	1.5																																					
	10105004-508LF	YES																																																					
	10105004-518	NO	SEE NOTES 6 & 15																																																				
	10105004-518LF	YES																																																					

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1

2

3

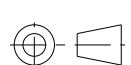
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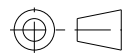
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STATUS:Released

Printed: Apr 08, 2014

spec ref		GS-12-588 / GS-20-121		dr	Jim Swain	2010/05/19	projection		MM		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	-	rel level					Released				
				appr	Chen-Hong Tan	2014/04/08	product family		XCede	rel level					
surface			linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE 4-COLUMN, 6-PAIR			dwg no	10105004		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-20-121			dr	Jim Swain	2010/09/19			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				XCede		rel level	Released	
surface 	linear	0.X	±0.2		title	RECEPT MODULE, RIGHT ANGLE 4-COLUMN, 6-PAIR				dwg no	10105004		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		

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.

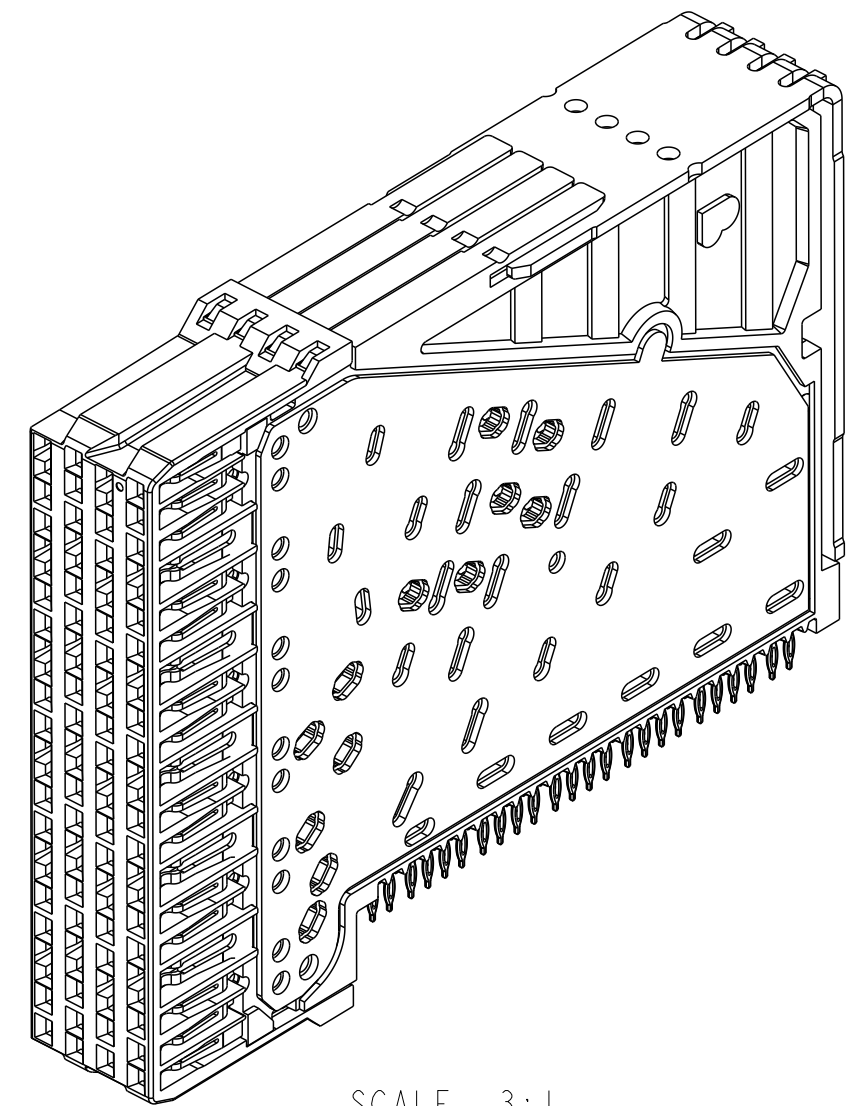
14. INDIVIDUAL MODULE ASSEMBLIES INCLUDING ASSEMBLED METAL ORGANIZER. THESE MODULES
ARE TO BE USED FOR SAMPLING AND INITIAL EVALUATION ONLY. REF NOTE 6.

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.

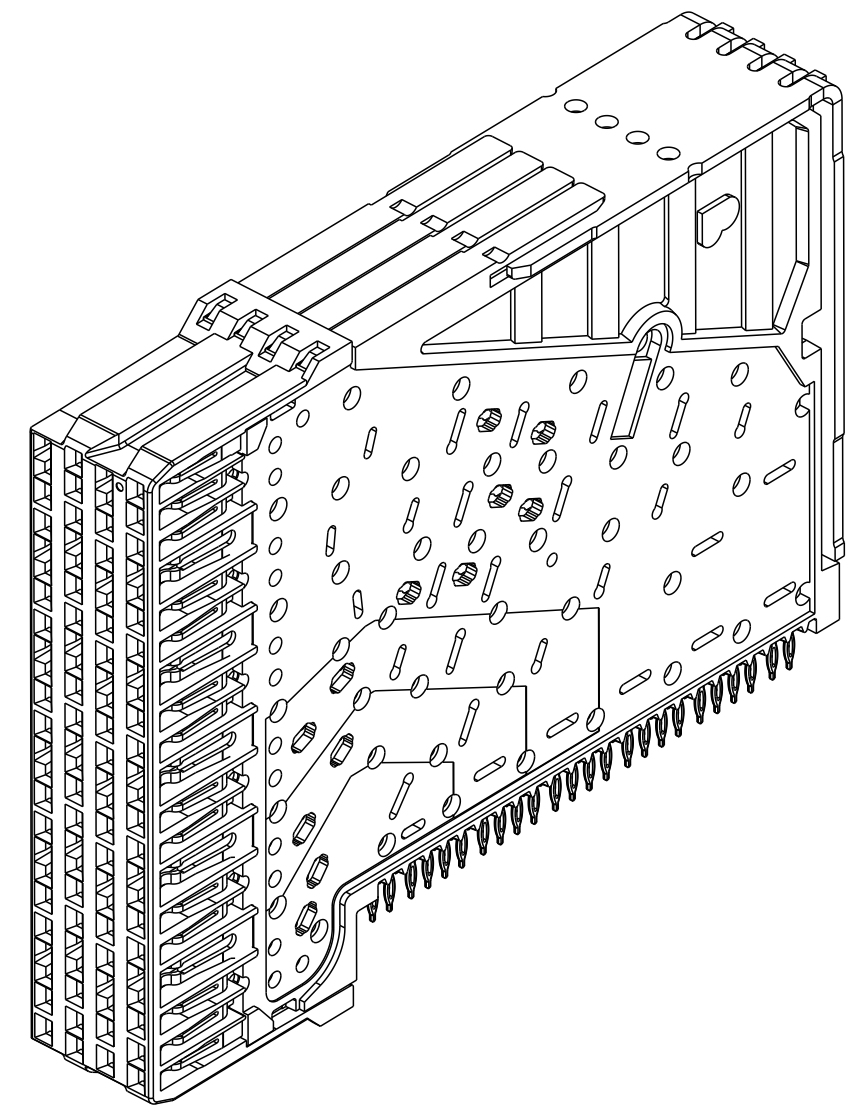
16. CO = TECORDIA GR-1217-CORE CENTRAL OFFICE APPLICATIONS
UE = TELCORDIA GR-1217 UNCONTROLLED ENVIRONMENT APPLICATIONS

17. CUSTOMER SPECIAL PARTNO.

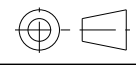
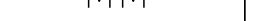
18. A SYMBOL WILL BE NEXT TO ANY DIMENSION, NOTES OR VIEW WHICH HAS BEEN MODIFIED WITH
THE CURRENT DRAWING REISION.



SCALE 3:1
HSD VERSION SHOWN



SCALE 3:1
LC VERSION SHOWN

spec ref		GS-12-588 / GS-20-121		dr		Jim Swain		2010/05/19		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				title		RECEPT MODULE, RIGHT ANGLE		dwg no		10105004		rev		B			
				0.X																±0.2	
				0.XX																±0.13	
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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[10105004-102LF](#)