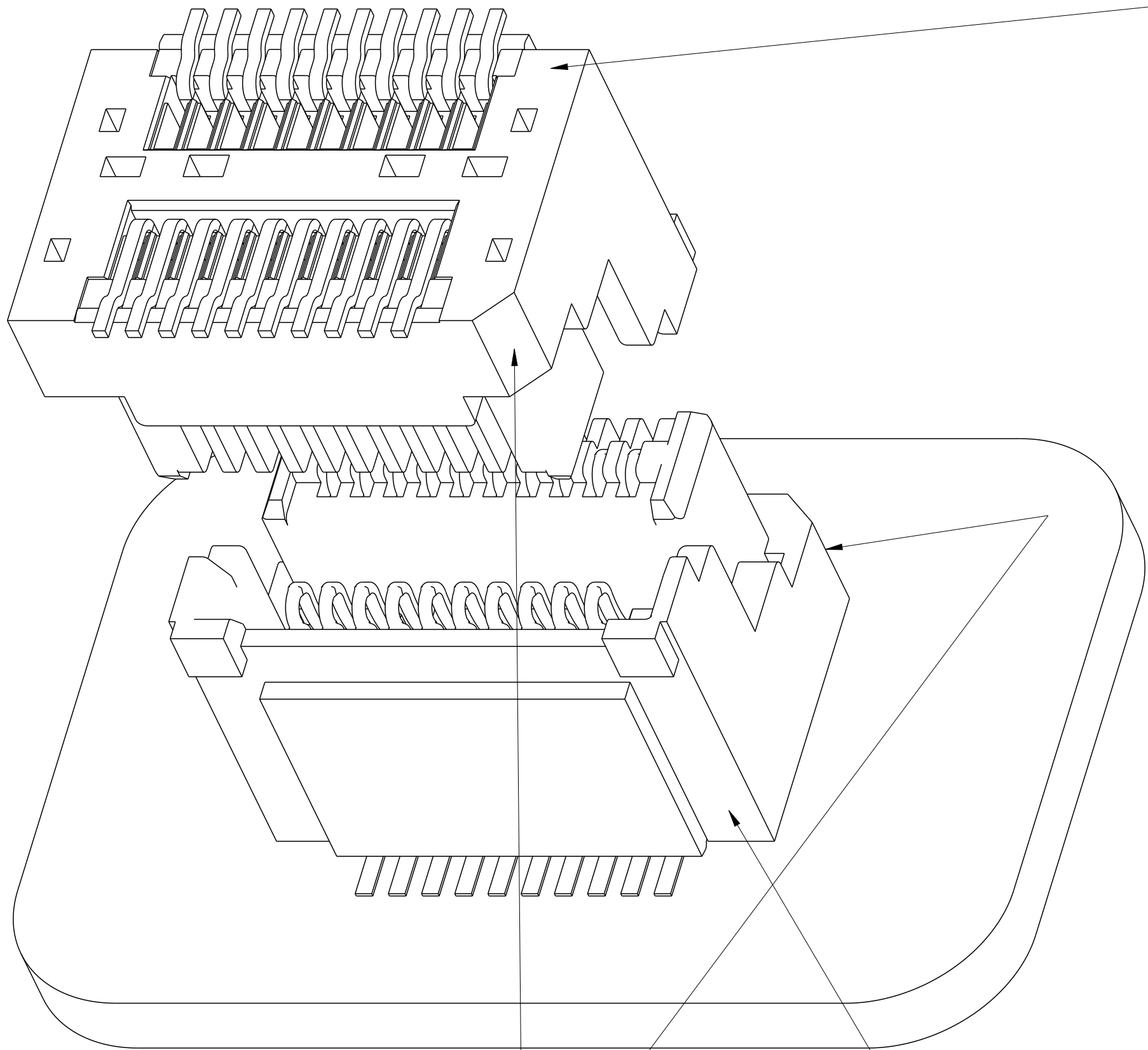
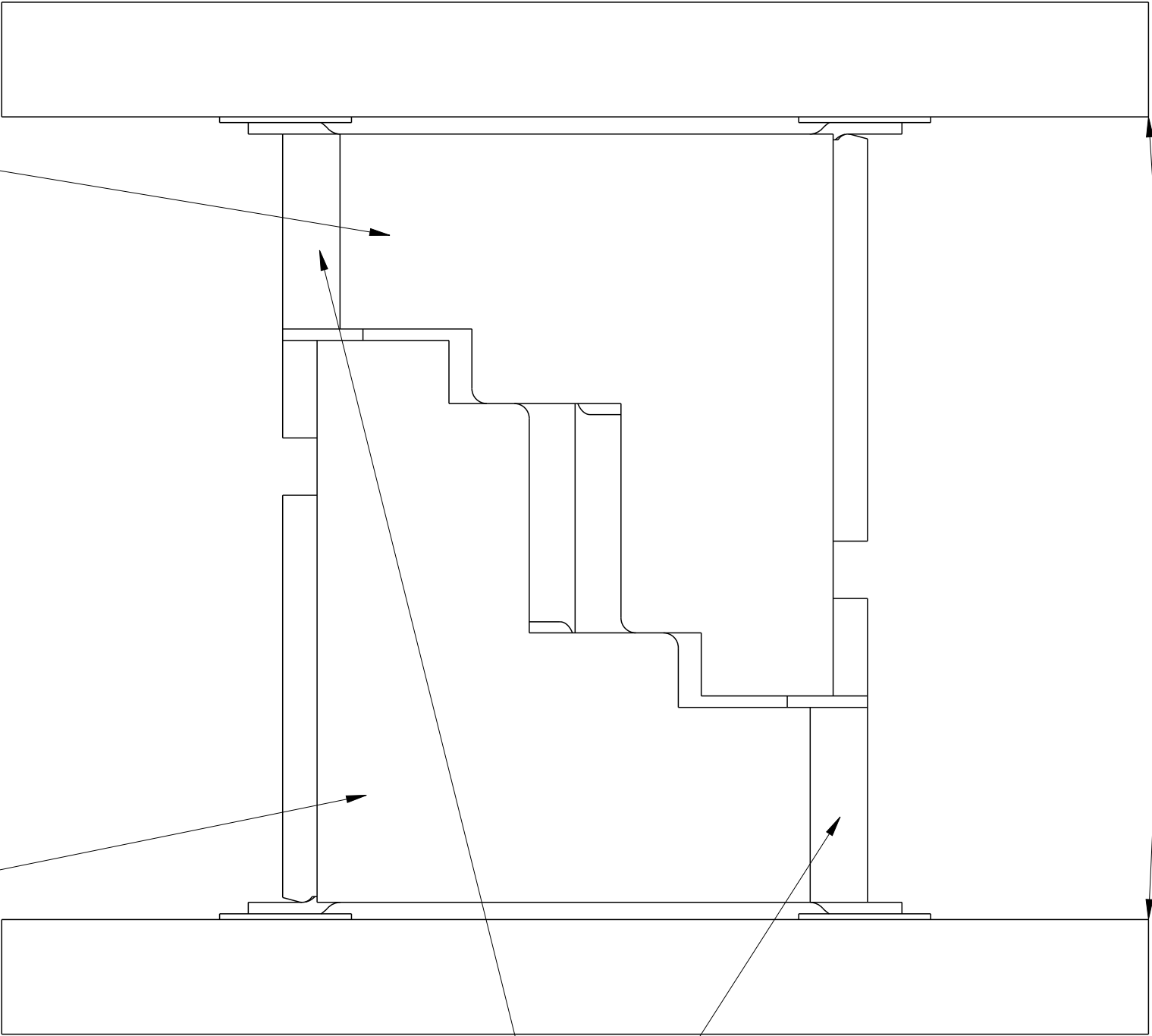


PRODUCT NUMBER
10106814-0XX0X2LF



10106814-0XX0X2LF
HERMAPHRODITIC CONNECTOR
ASSEMBLY



PRINTED
CIRCUIT
BOARD

CONNECTOR ORIENTATION
FEATURE
SEE PCB LAYOUT ON PAGE 5

10106814-0XX0X2LF
HERMAPHRODITIC CONNECTOR
ASSEMBLY

CONNECTOR ORIENTATION
FEATURE
SEE PCB LAYOUT ON PAGE 5

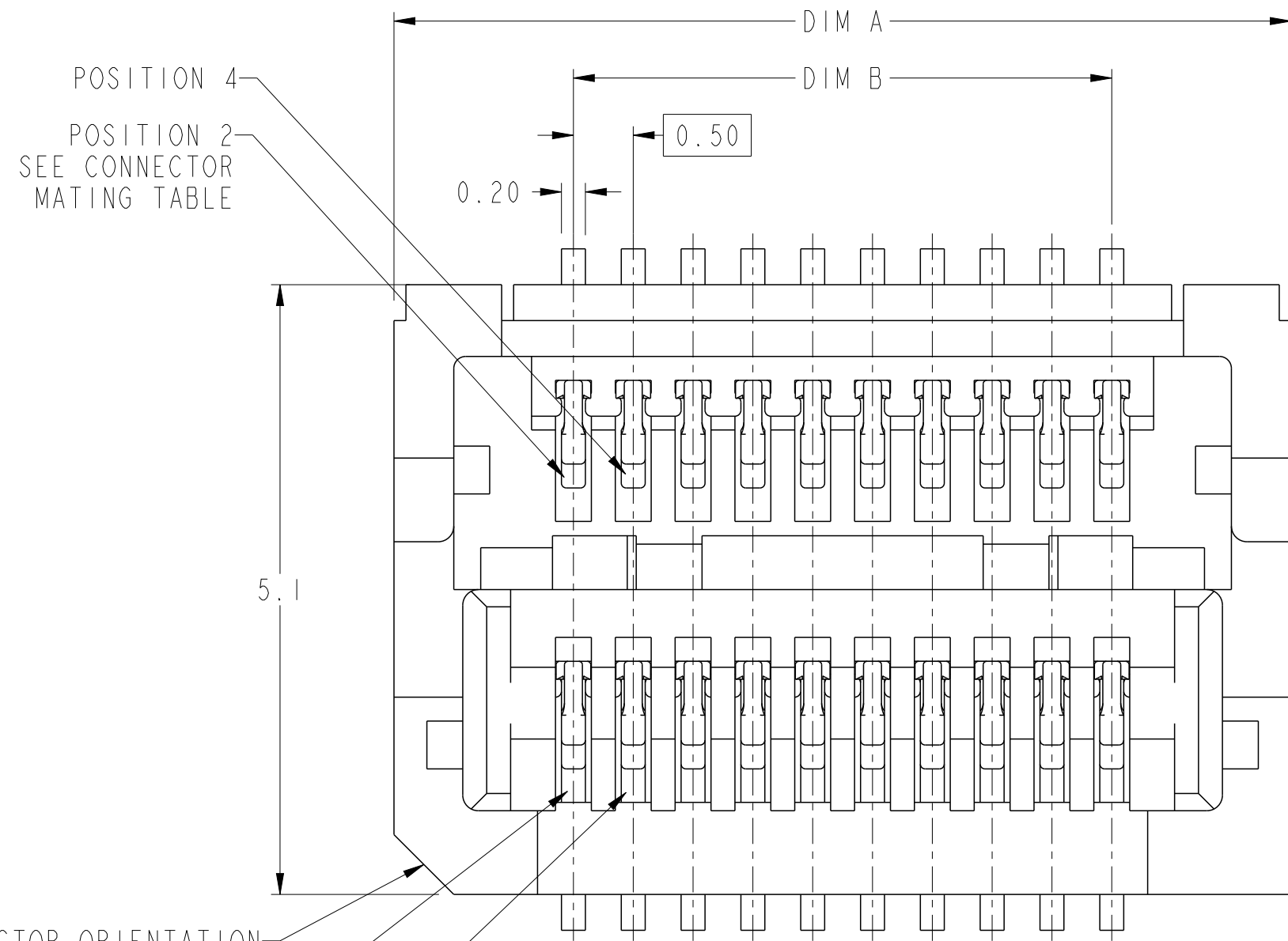
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spec ref	---	dr	Stu Stoner	2010/11/22	projection	mm	size	A2	scale	20:1
tolerance std	ASME Y14.5	eng	Andy Lu	2015/07/15	chr	-	ecn no	ELX-DG-21387-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2015/07/15	product family	MezzoStak	rel level	Released	rev	D
linear	0.X ±0.3 0.XX ±0.15 0.XXX ±0.05	title	HERMAPHRODITIC CONNECTOR, SHORT STYLE 20-90 POS, 0.5MM CTR, 4-7MM STACK HT				dwg no	10106814	rev	D
angular	0° ±3°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 8				

PDS: Rev :D

STATUS:Released

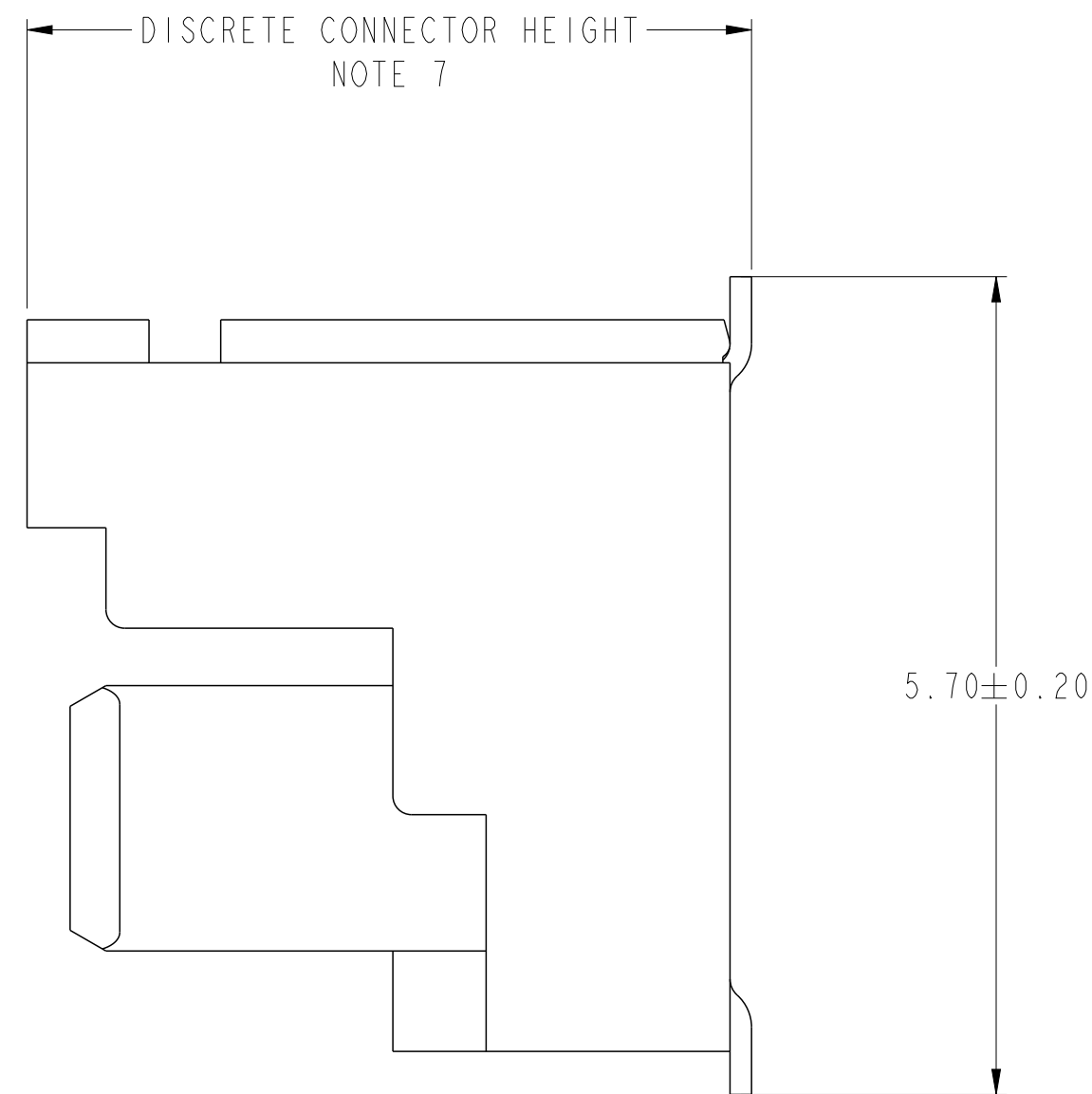
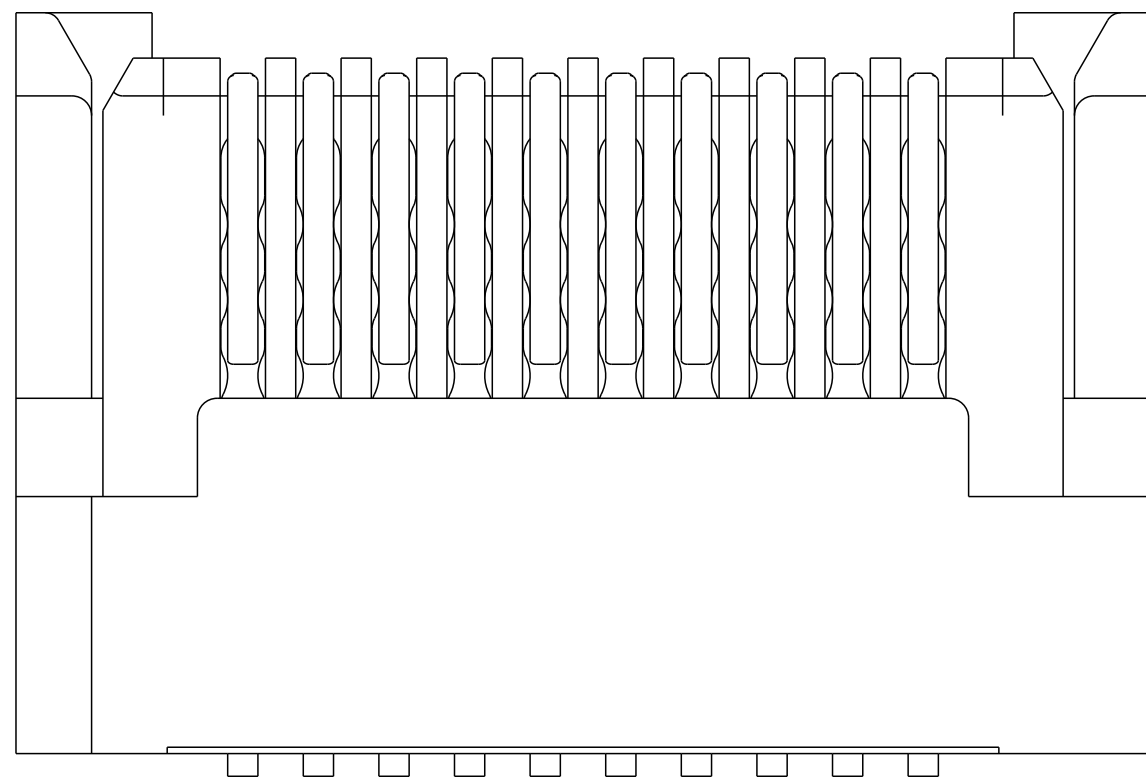
Printed: Jul 16, 2015



CONNECTOR ORIENTATION
FEATURE

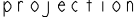
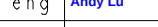
POSITION 1
SEE CONNECTOR
MATING TABLE

POSITION 3



HERMAPHRODITIC CONNECTOR MATING	
CONNECTOR POSITION	MATES WITH CONNECTOR POSITION
1	2
3	4
5	6
7	8
9	10
ETC.	

10106814-024002LF SHOWN
WITHOUT STANDARD PICK-UP CAP

spec ref		---		dr		Stu Stoner		2010/11/22		projection				mm		size		A2		scale		20:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Andy Lu		2015/07/15						ecn no		ELX-DG-21387-1		rel level		Released			
ASME Y14.5				chr		-		-						dwg no		10106814							
				appr		Pei-Ming Zheng		2015/07/15		product family		MezzoStak											
surface				linear				title		HERMAPHRODITIC CONNECTOR, SHORT STYLE 20-90 POS, 0.5MM CTR, 4-7MM STACK HT		dwg no		10106814		rev		D					
				0.X																±0.3			
				0.XX																±0.15			
ASME Y14.5				angular		0°		±3°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 8					

	I	2		3		4	5	6	7	8																																								
	PRODUCT NUMBER	NUMBER OF POSTIONS	DIM A	DIM B	DISCRETE CONNECTOR HEIGHT NOTE 9	PRACTICAL CONNECTOR HEIGHT NOTE 8	STATUS	0.5 BTB HERMAPHRODITIC CONNECTOR ASSEMBLY PART NUMBER SCHEME EXAMPLE: 10106814-XX X X X 2 LF																																										
A	I0106814-02I002LF	20	7.5	4.5	3.55	2.00	RELEASED	<table><tr><td colspan="2">NUMBER OF POSITIONS</td></tr><tr><td>02 = 20 POS</td></tr><tr><td>03 = 30 POS</td></tr><tr><td>04 = 40 POS</td></tr><tr><td>05 = 50 POS</td></tr><tr><td>06 = 60 POS</td></tr><tr><td>07 = 70 POS</td></tr><tr><td>08 = 80 POS</td></tr><tr><td>09 = 90 POS</td></tr></table>	NUMBER OF POSITIONS		02 = 20 POS	03 = 30 POS	04 = 40 POS	05 = 50 POS	06 = 60 POS	07 = 70 POS	08 = 80 POS	09 = 90 POS	<table><tr><td colspan="2">LEAD FREE INDICATOR</td></tr><tr><td colspan="2">PACKAGING</td></tr><tr><td>2</td><td>TAPE AND REEL WITH PICK-UP CAP</td></tr></table>	LEAD FREE INDICATOR		PACKAGING		2	TAPE AND REEL WITH PICK-UP CAP	<table><tr><td colspan="2">CONTACT PLATING</td></tr><tr><td>0</td><td>GENERAL PLATING PER PERFORMANCE REQUIRED BY PRODUCT SPECIFICATION</td></tr><tr><td>1</td><td>30u" GXT(SPECIAL)</td></tr></table>	CONTACT PLATING		0	GENERAL PLATING PER PERFORMANCE REQUIRED BY PRODUCT SPECIFICATION	1	30u" GXT(SPECIAL)	<table><tr><td colspan="2">PRACTICAL CONNECTOR HEIGHT NOTE 8</td></tr><tr><td>1</td><td>2.0MM</td></tr><tr><td>2</td><td>2.5MM</td></tr><tr><td>3</td><td>3.0MM</td></tr><tr><td>4</td><td>3.5MM</td></tr></table>	PRACTICAL CONNECTOR HEIGHT NOTE 8		1	2.0MM	2	2.5MM	3	3.0MM	4	3.5MM	<table><tr><td colspan="2">PEG OPTION</td></tr><tr><td>0</td><td>NO PEGS</td></tr><tr><td>2</td><td>PEGS</td></tr></table>	PEG OPTION		0	NO PEGS	2	PEGS
	NUMBER OF POSITIONS																																																	
	02 = 20 POS																																																	
	03 = 30 POS																																																	
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0	NO PEGS																																																	
2	PEGS																																																	
I0106814-03I002LF	30	10.0	7.0																																															
I0106814-04I002LF	40	12.5	9.5																																															
I0106814-05I002LF	50	15.0	12.0																																															
I0106814-06I002LF	60	17.5	14.5																																															
I0106814-07I002LF	70	20.0	17.0																																															
B	I0106814-022002LF	20	7.5	4.5	4.05	2.50	UN-RELEASED																																											
	I0106814-032002LF	30	10.0	7.0																																														
	I0106814-042002LF	40	12.5	9.5																																														
	I0106814-052002LF	50	15.0	12.0																																														
	I0106814-062002LF	60	17.5	14.5																																														
	I0106814-072002LF	70	20.0	17.0																																														
	I0106814-023002LF	20	7.5	4.5																																														
	I0106814-033002LF	30	10.0	7.0																																														
	I0106814-043002LF	40	12.5	9.5																																														
	I0106814-053002LF	50	15.0	12.0																																														
C	I0106814-063002LF	60	17.5	14.5	4.55	3.00	RELEASED																																											
	I0106814-073002LF	70	20.0	17.0																																														
	I0106814-083002LF	80	22.5	19.5																																														
	I0106814-083202LF	80	22.5	19.5																																														
	I0106814-093002LF	90	25.0	22.0																																														
	I0106814-093012LF	90	25.0	22.0																																														
	I0106814-093202LF	90	25.0	22.0																																														
	I0106814-024002LF	20	7.5	4.5																																														
	I0106814-034002LF	30	10.0	7.0																																														
	I0106814-044002LF	40	12.5	9.5																																														
D	I0106814-054002LF	50	15.0	12.0	5.05	3.50	RELEASED																																											
	I0106814-064002LF	60	17.5	14.5																																														
	I0106814-074002LF	70	20.0	17.0																																														
E																																																		
F																																																		

spec ref---

tolerance stdASME Y14.5

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear

angular

0.X±0.3

0.XX±0.15

0.XXX±0.05

0°±3°

drStu Stoner2010/11/22

engAndy Lu2015/07/15

chr-

apprPei-Ming Zheng2015/07/15

FCjwww.fci.com

titleHERMAPHRODITIC CONNECTOR,SHORT STYLE
+ 20-90 POS, 0.5MM CTR, 4-7MM STACK HT

cat. no.-

projection

mm←→

sizeA2scale10:1

ecn noELX-DG-21387-1rel levelReleased

product familyMezzoStack

coug noI0106814revD

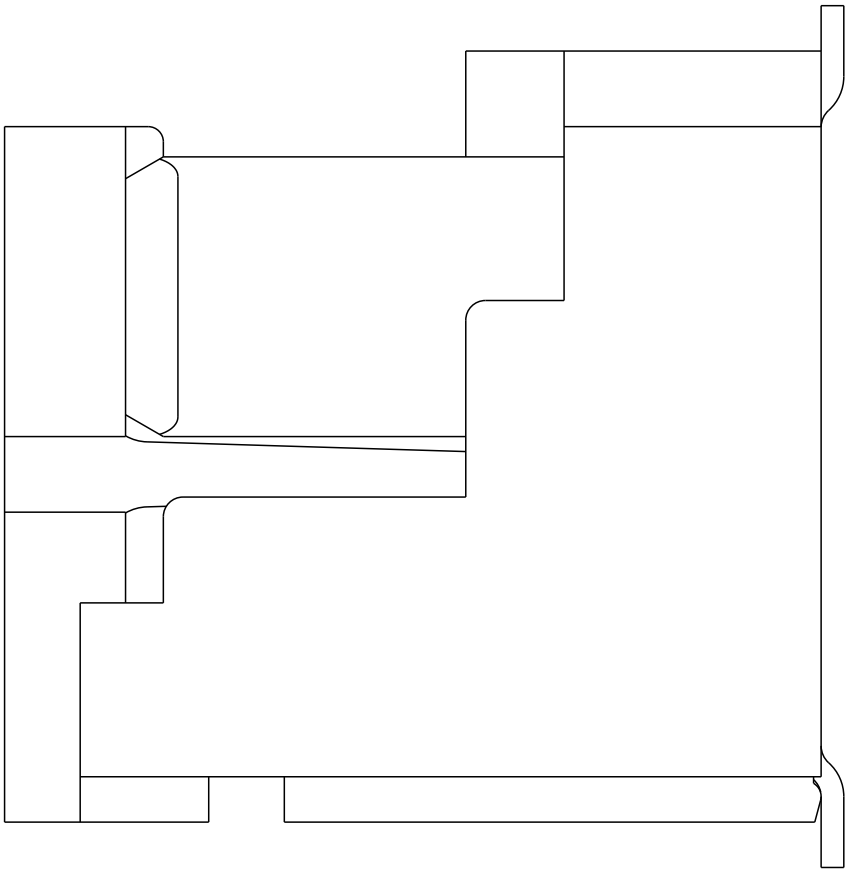
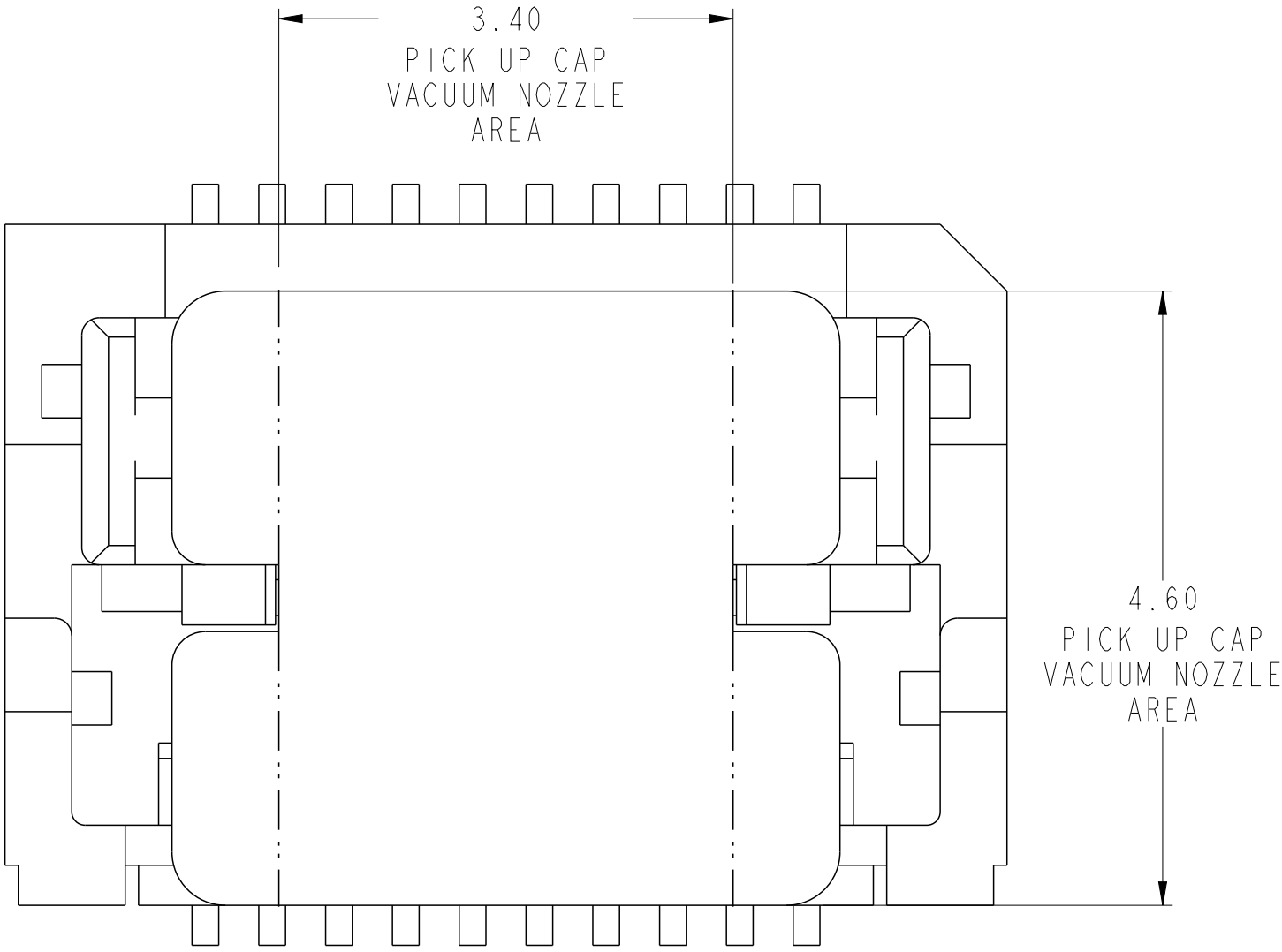
Product - Customer Drw

sheet 3 of 8

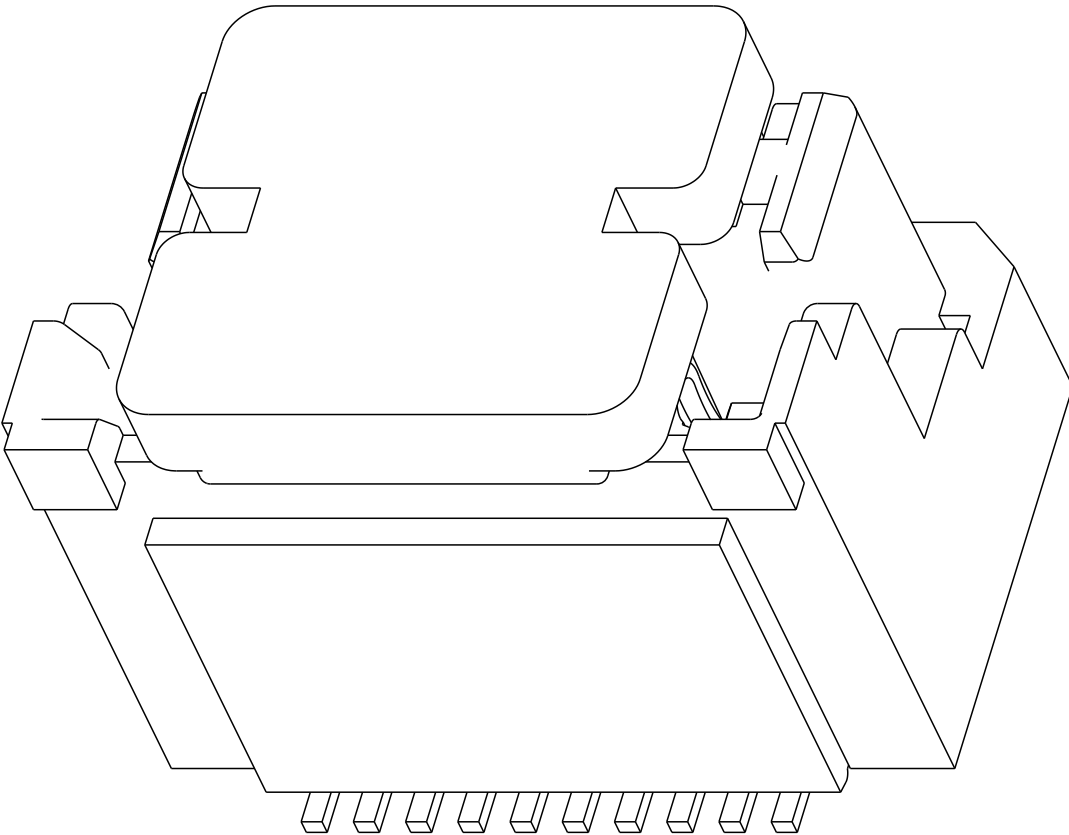
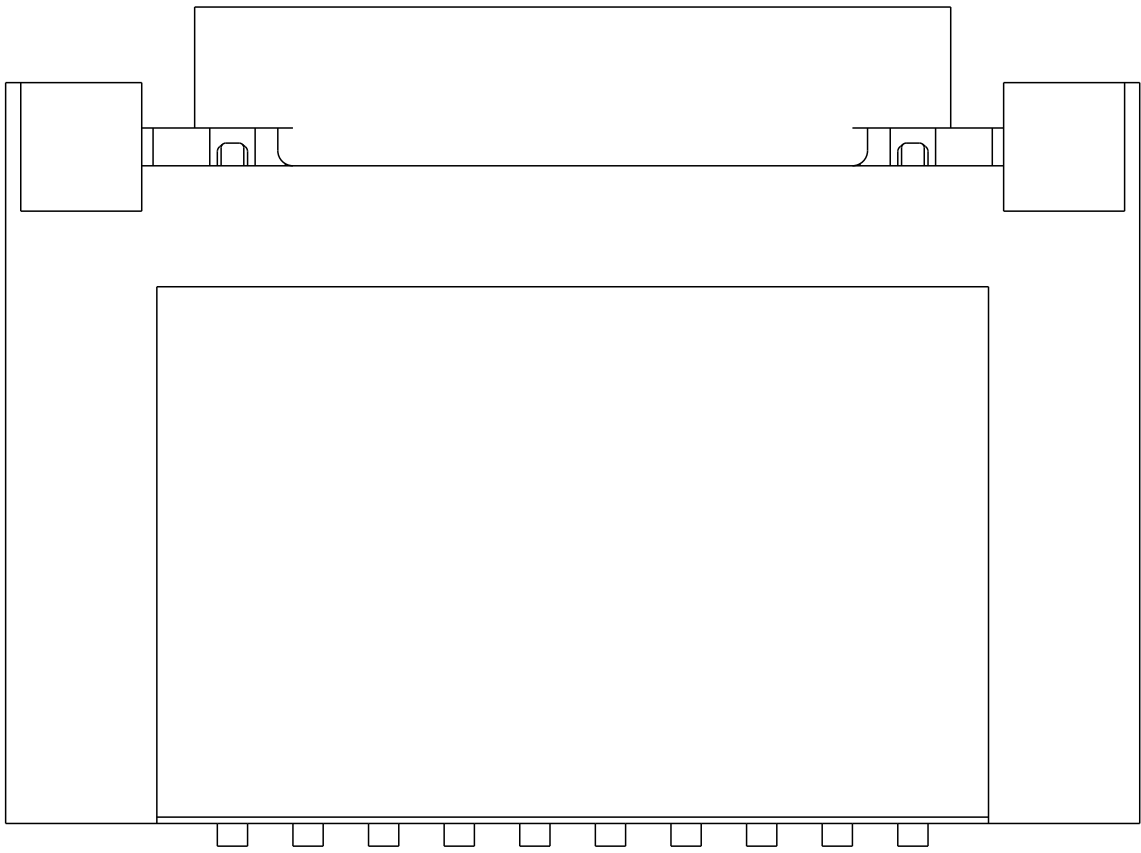
PDS: Rev :D

STATUS:Released

Printed: Jul 16, 2015

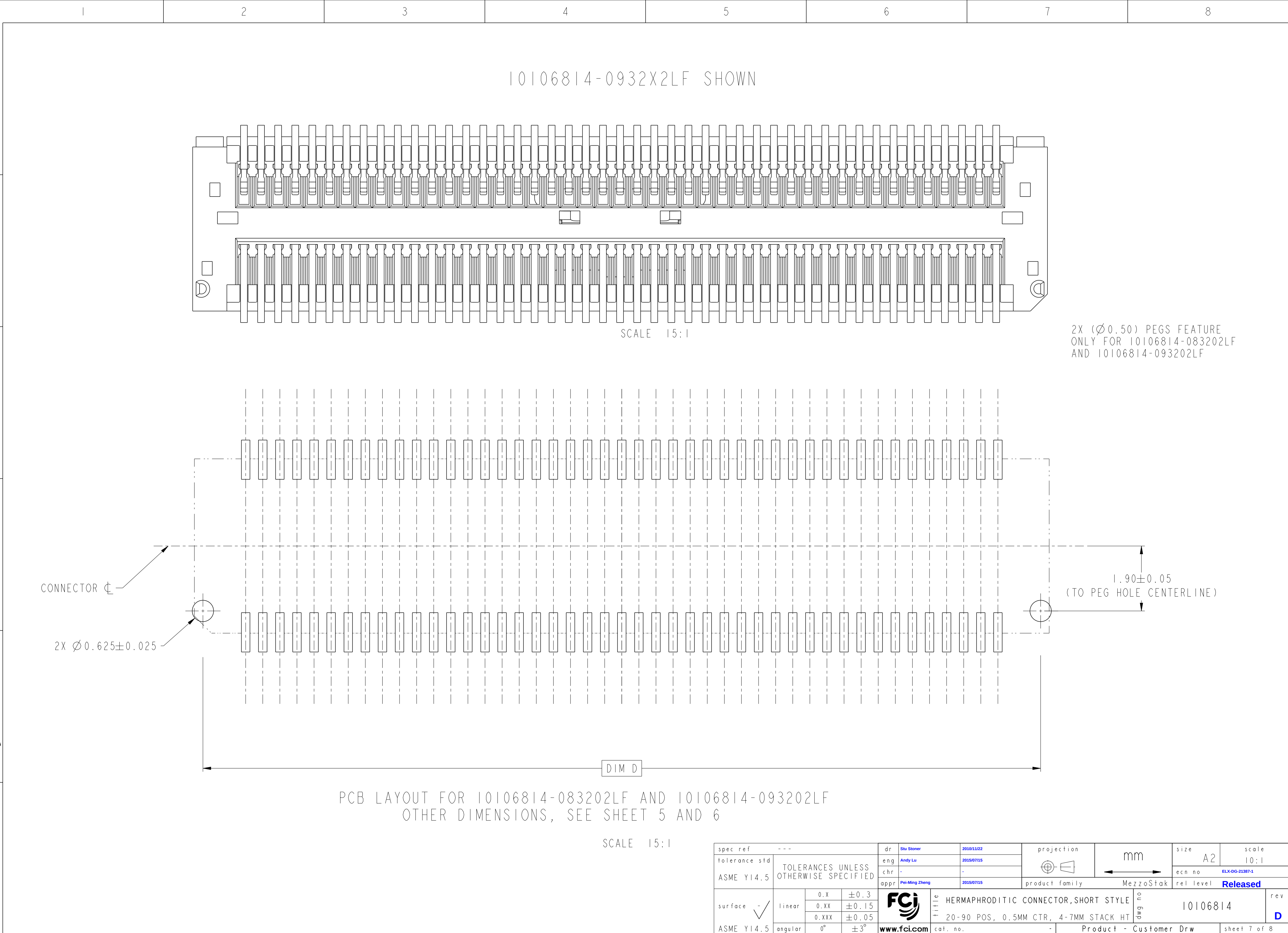


10106814-024002LF SHOWN
WITH STANDARD PICK-UP CAP



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spec ref				---		dr		Stu Stoner		2010/11/22		projection				size		A2		scale		20:1					
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Andy Lu		2015/07/15						ecn no		ELX-DG-21387-1							
ASME Y14.5								chr		-		-		2015/07/15				product family		MezzoStak		rel level		Released			
surface				linear		0.X		±0.3				title		HERMAPHRODITIC CONNECTOR, SHORT STYLE		dwg no		10106814		rev		D					
																								0.XX		±0.15	
																								0.XXX		±0.05	
ASME Y14.5		angular		0°		±3°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 8											



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spec ref	---	dr	Stu Stoner	2010/11/22	projection	mm	size	A2	scale	10:1
tolerance std	ASME Y14.5	eng	Andy Lu	2015/07/15	chr	-	ecn no	ELX-DG-21387-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2015/07/15	product family	MezzoStack	rel level	Released	rev	D
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.15	0.XXX	±0.05	angular	0°	±3°
FCI	HERMAPHRODITIC CONNECTOR, SHORT STYLE	20-90 POS, 0.5MM CTR, 4-7MM STACK HT	cat. no.	-	Product - Customer Drw	sheet 7 of 8				

