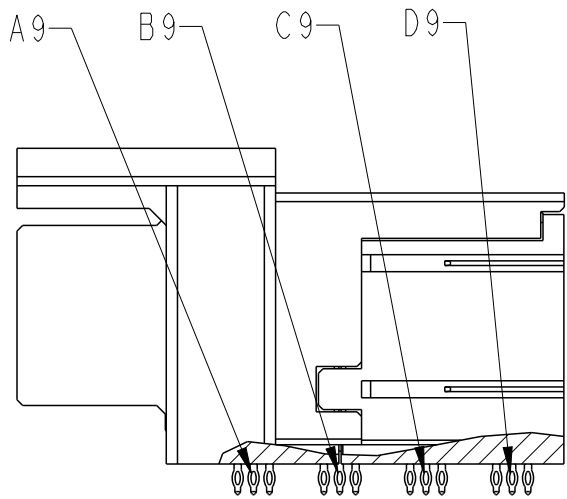
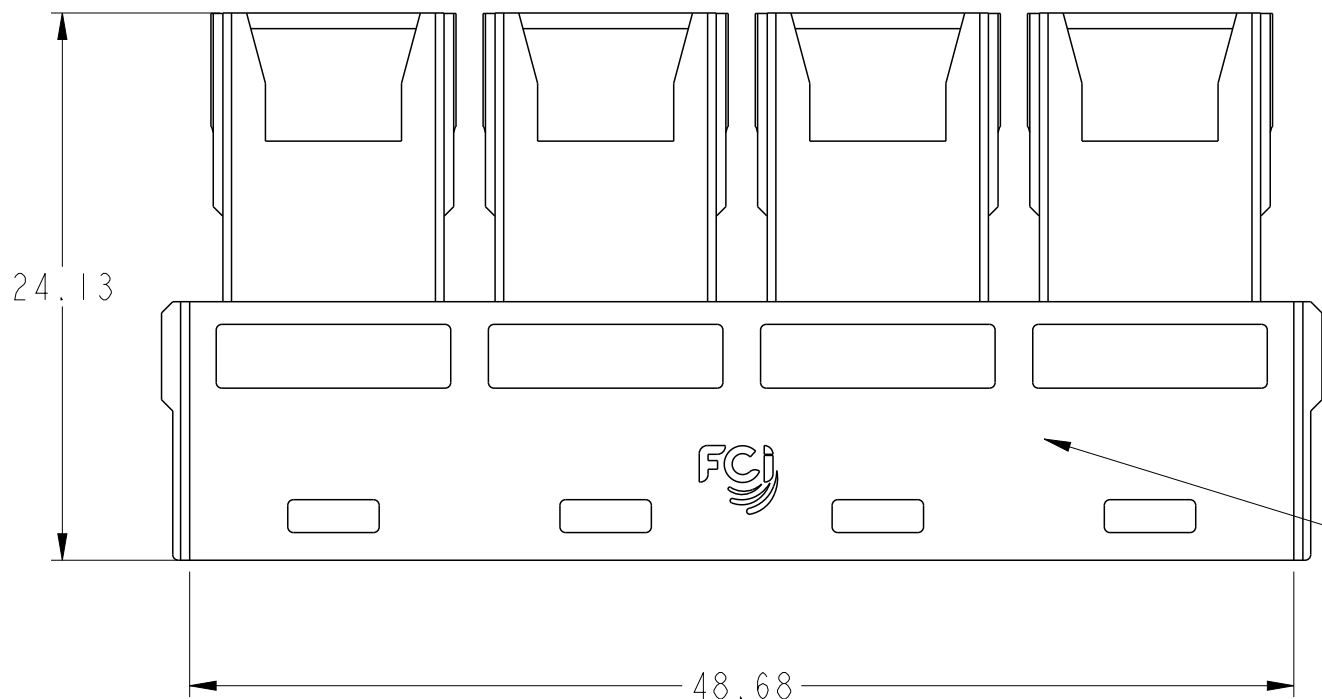
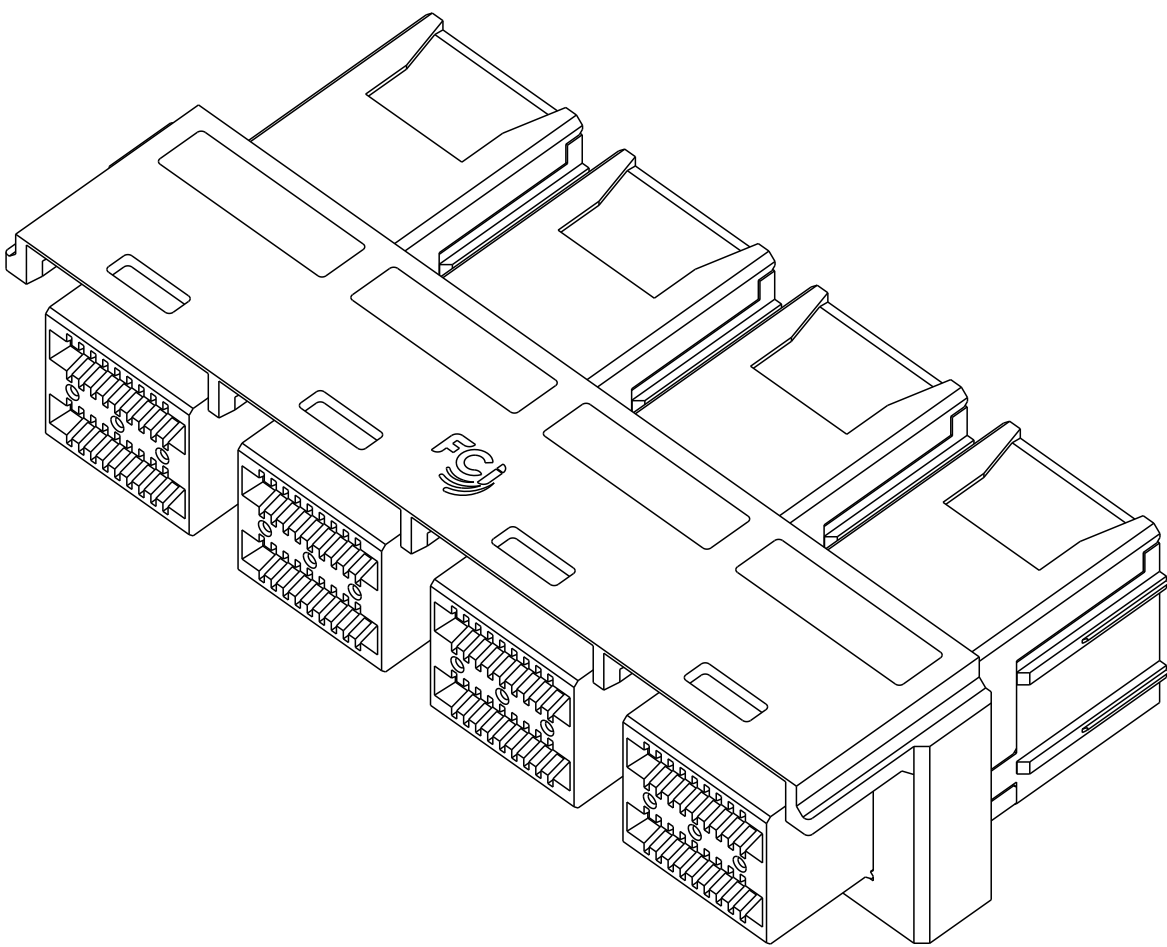


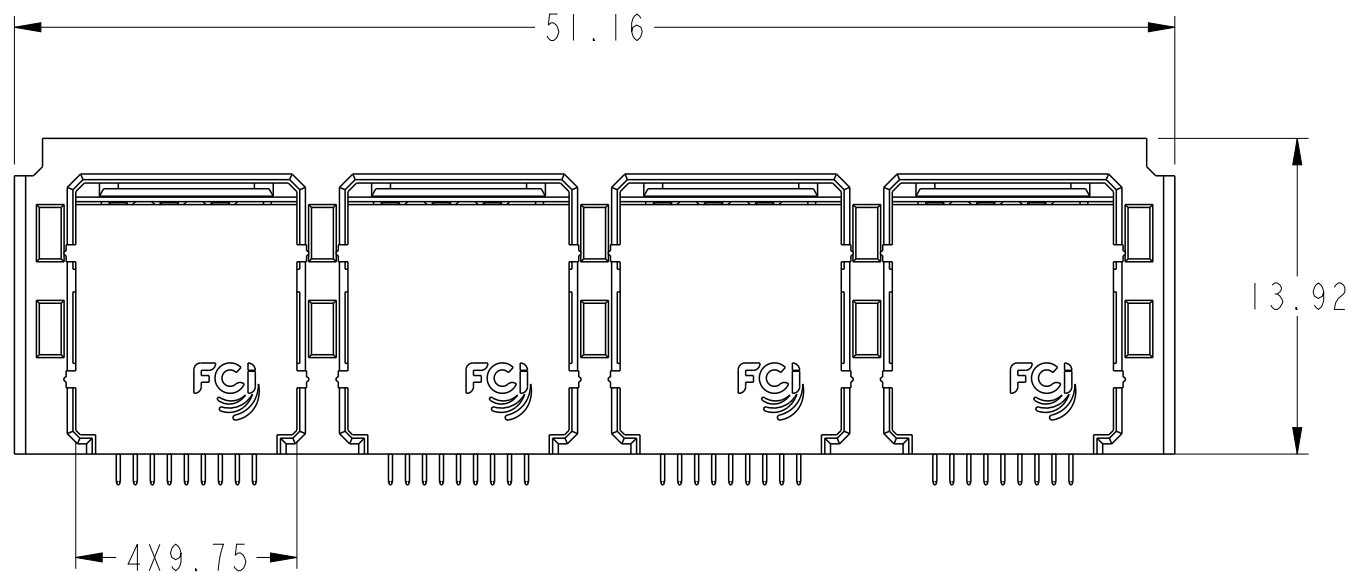
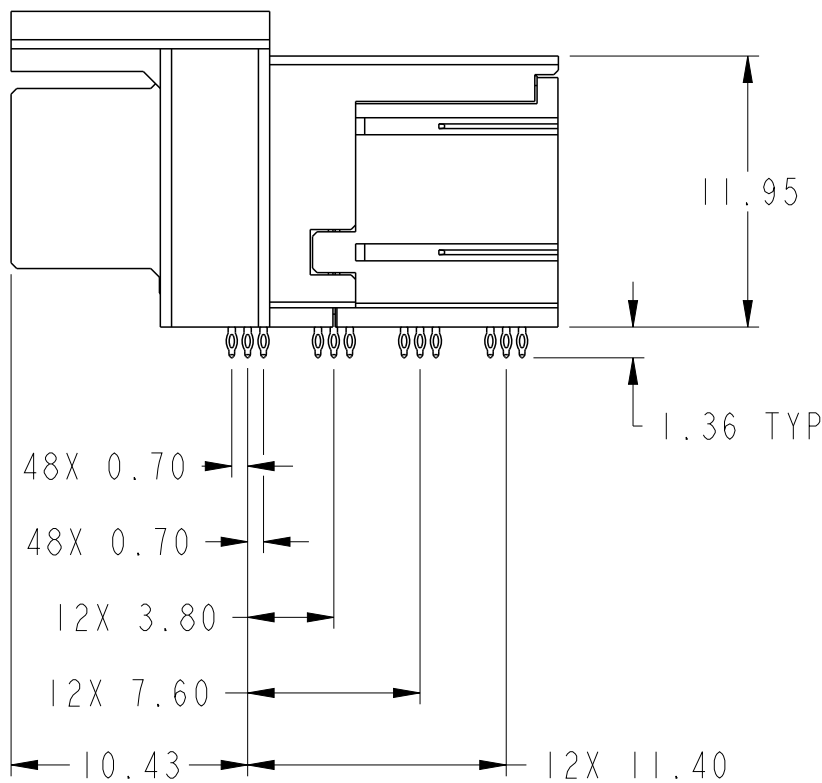
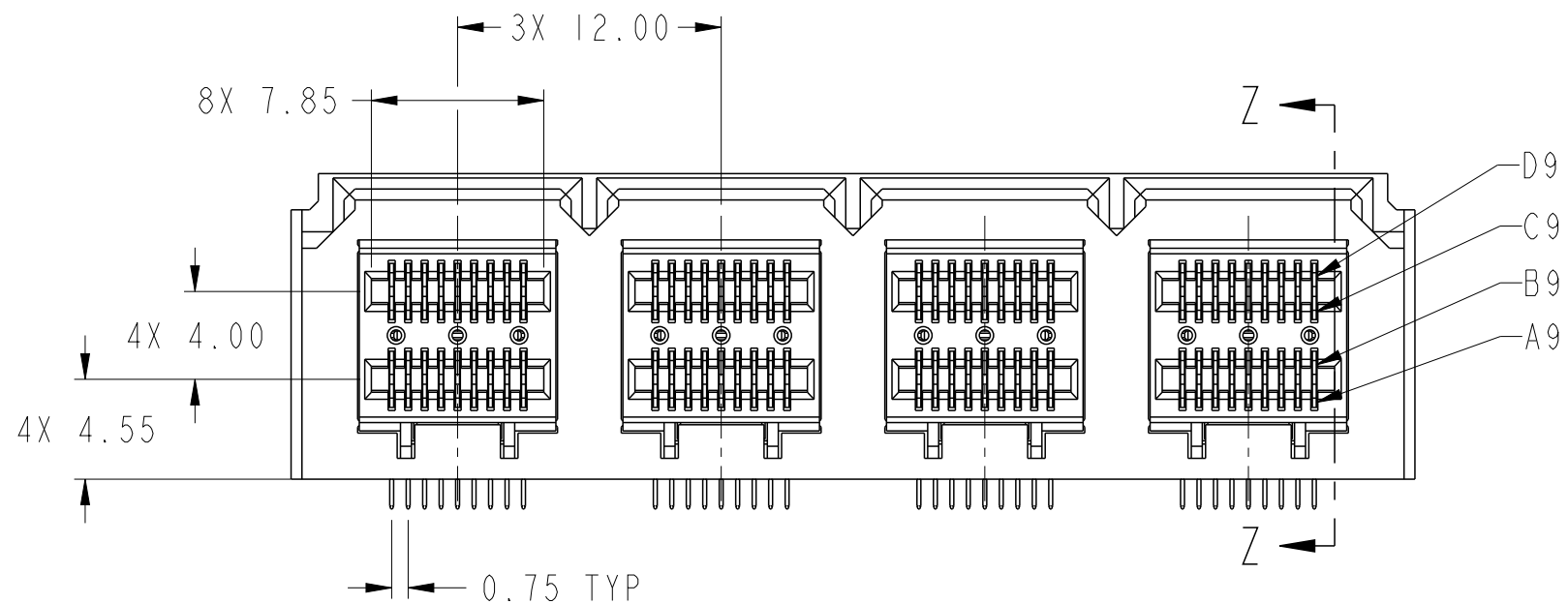
PRODUCT NUMBER	PLATING OPT.	HSG&FRAME COLOR
10112634-101	OPTION 1	BLACK
10112634-101LF	OPTION 2	BLACK
10112634-121	OPTION 1	NATURAL
10112634-121LF	OPTION 2	NATURAL



SECTION Z-Z



FCI P/N AND DATE CODE ON THIS SURFACE

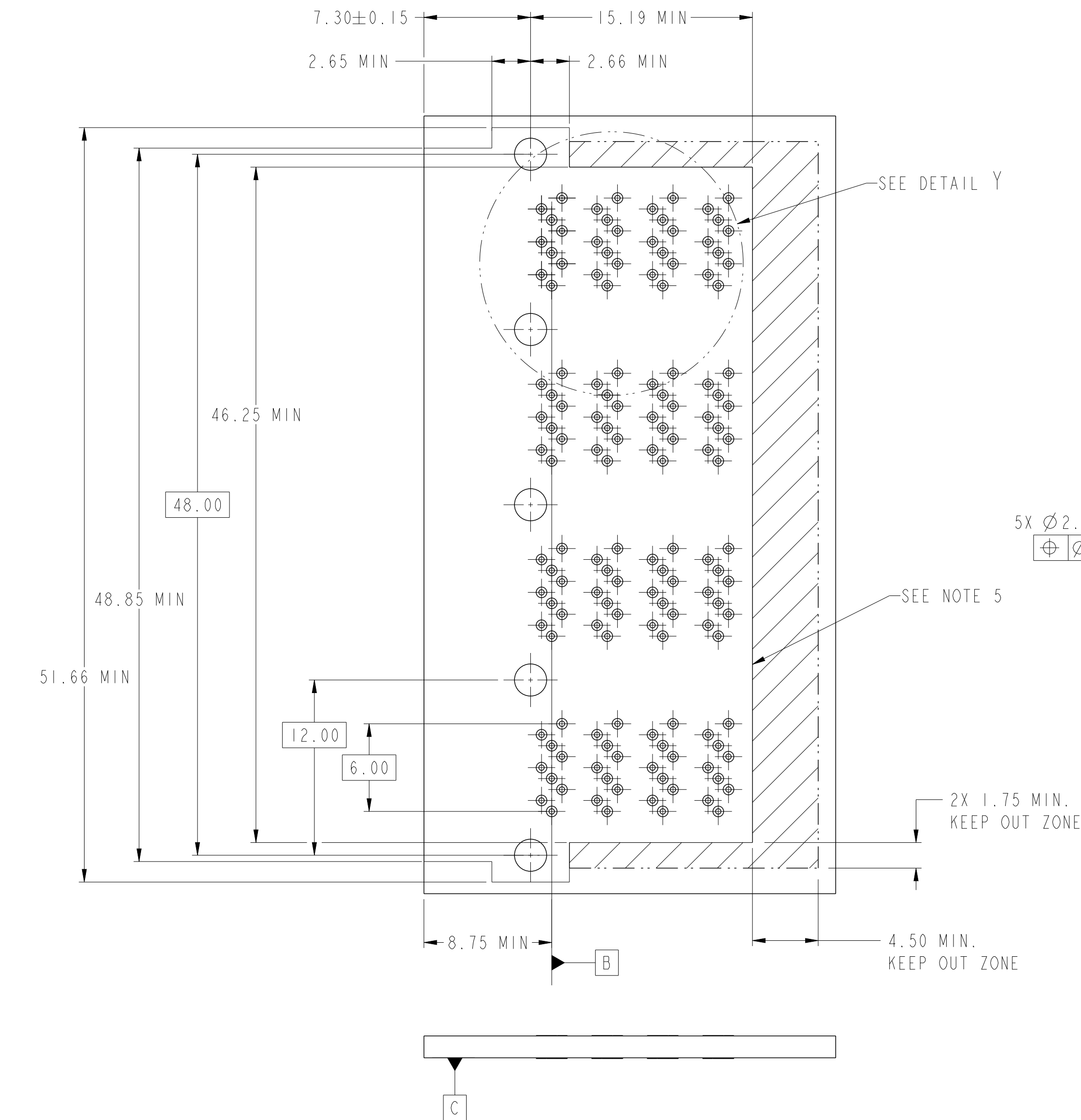


NOTES:

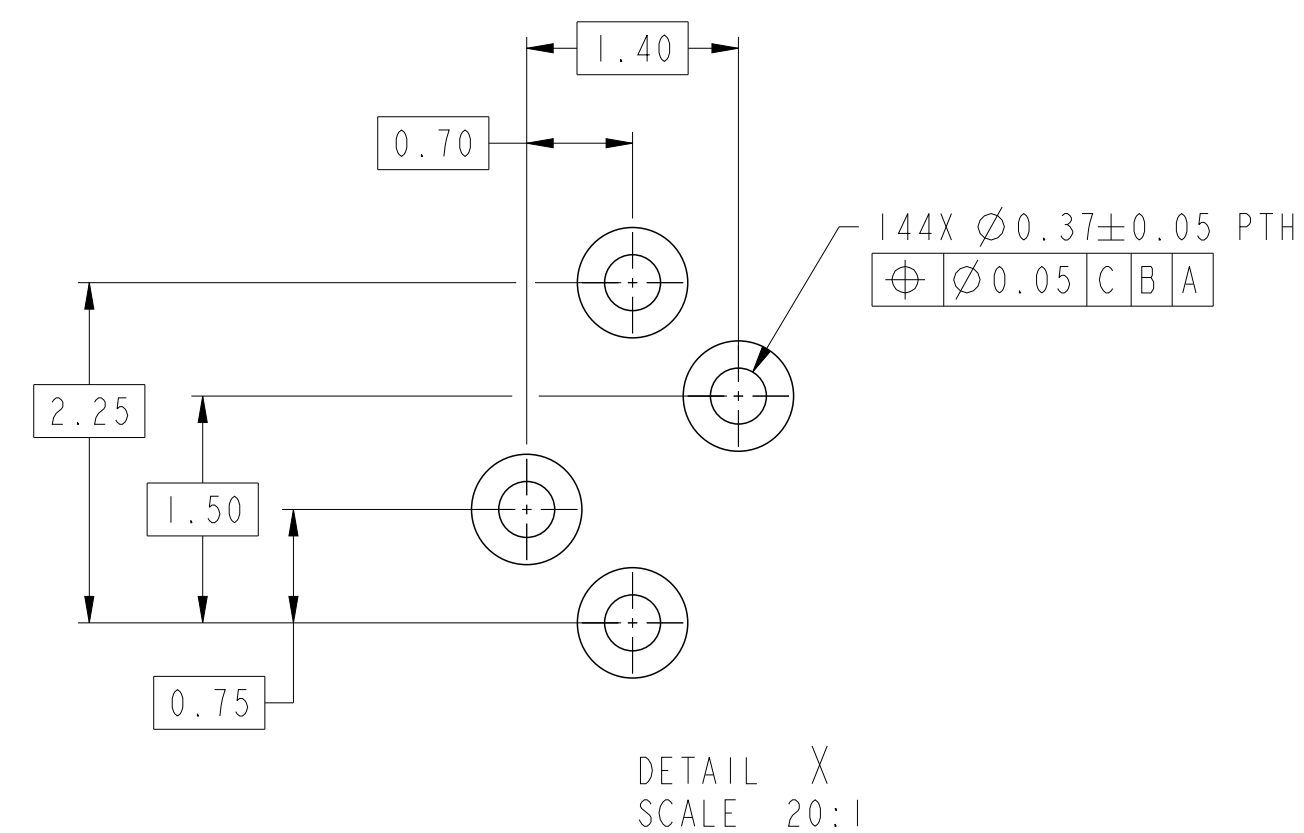
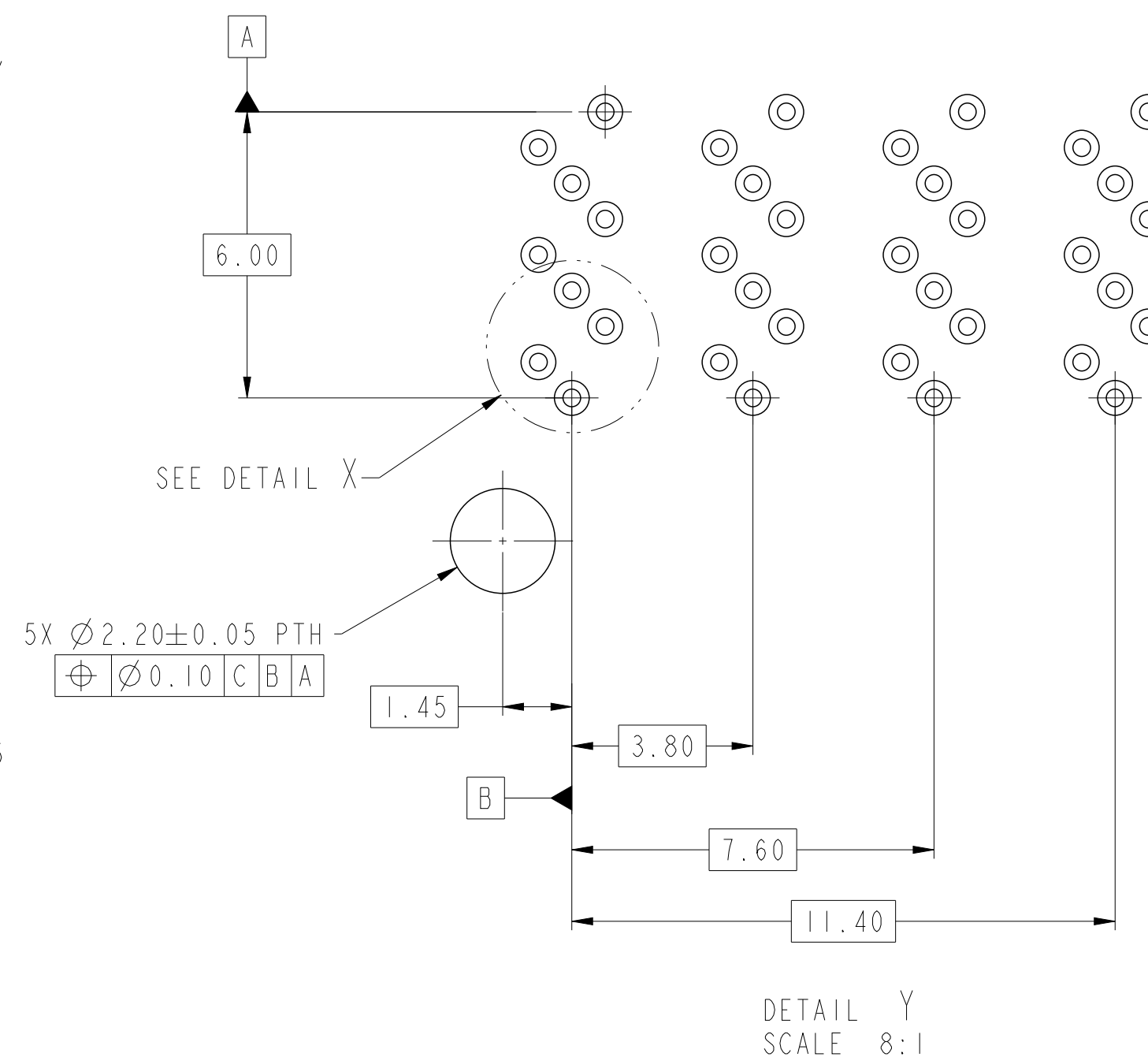
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC, GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
- FINISHES:
CONTACT AREA: 0.76µm GOLD OVER 2.54µm MIN NICKEL
TAIL AREA:
OPTION 1: 0.76µm - 1.52µm TIN/LEAD (90/10) OVER 2.54µm MIN NICKEL.
OPTION 2: 0.76µm - 1.52µm TIN (LEAD FREE) OVER 2.54µm MIN NICKEL.
- PRODUCT SPECIFICATION: GS-12-650.
APPLICATION SPECIFICATION: GS-20-0356
PACKAGING SPECIFICATION: GS-14-1490
- RECOMMENDED MOUNTING HARDWARE:
OPTION 1: M2 X 0.91mm SELF-THREADING SCREW
OPTION 2: M2 X 0.80mm SELF-THREADING SCREW
OPTION 3: M2 X 0.40mm SELF-THREADING SCREW
RECOMMENDED MOUNTING SCREW LENGTH: PCB THICKNESS + (2.5±0.35)mm
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF INDUSTRY SPECIFICATION SFF-8643.
- A $\triangle$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

MATES WITH MINI-SAS HD ENDS IN:	
10119217 SERIES (4i)	
10119312 SERIES (4i)	
10120086 SERIES (4i)	
10120087 SERIES (4i)	
10119576 SERIES (8i)	
10119577 SERIES (8i)	
10120088 SERIES (8i)	
10120089 SERIES (8i)	

spec ref -		dr Mark Gray		2010/08/04		projection		MM		size A2		scale 3:1	
tolerance std ASME Y14.5		eng Jackbin Zou		2015/12/09						ecn no ELX-DG-17997-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Zhen Luo		2015/12/22						rel level Released			
		appr Pei-Ming Zheng		2015/12/23		product family		MINI-SAS HD					
surface		linear				IX4 INTERNAL ASSEMBLY MINI-SAS HD		dwg no 10112634		rev C			
		0.X ±0.25											
		0.XX ±0.15											
ASME Y14.5		0.XXX ±											
		angular 0° ±1/2°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 1 of 4			



RECOMMENDED PC BOARD LAYOUT

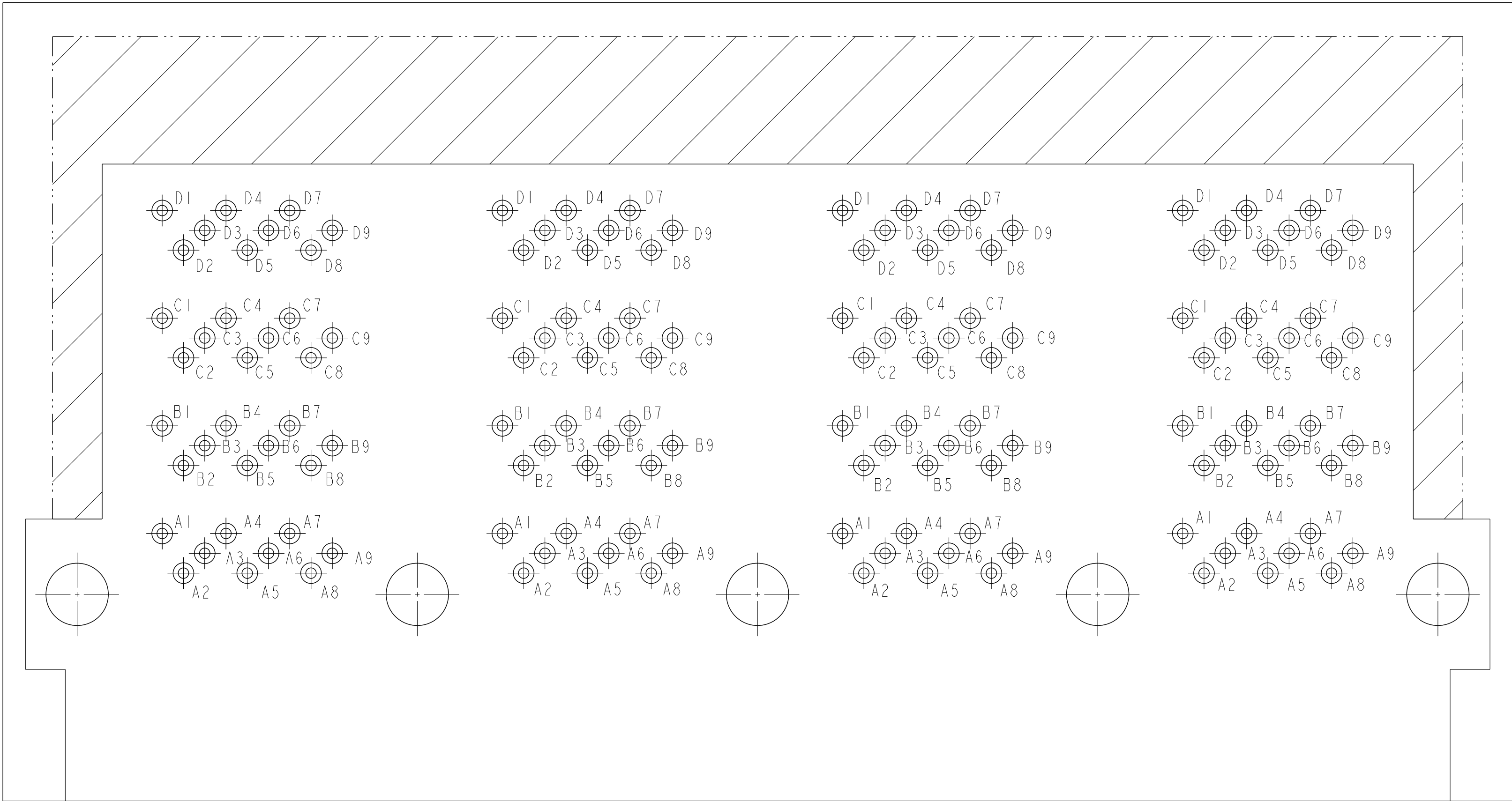


NOTES:

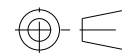
1. RECOMMENDED DRILL SIZE FOR A $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$ (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
3. MINIMUM RECOMMENDED SPACING : 14.00mm.
4. MINIMUM PCB THICKNESS : 1.57mm.
5. CONNECTOR KEEP OUT AREA.

spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	Jackbin Zou	2015/12/09	chr	Zhen Luo	ecn no	ELX-DG-17937-1		
		appr	Pei-Ming Zheng	2015/12/23	product family	MINI-SAS HD	rel level	Released		
surface	✓	linear	0.X	±0.25	FCI	title	IX4 INTERNAL ASSEMBLY	dwg no	10112634	rev
			0.XX	±0.15			MINI-SAS HD			C
			0.XXX	±-						
ASME Y14.5	angular	0°	±1/2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 4		

PIN OUT DESIGNATIONS



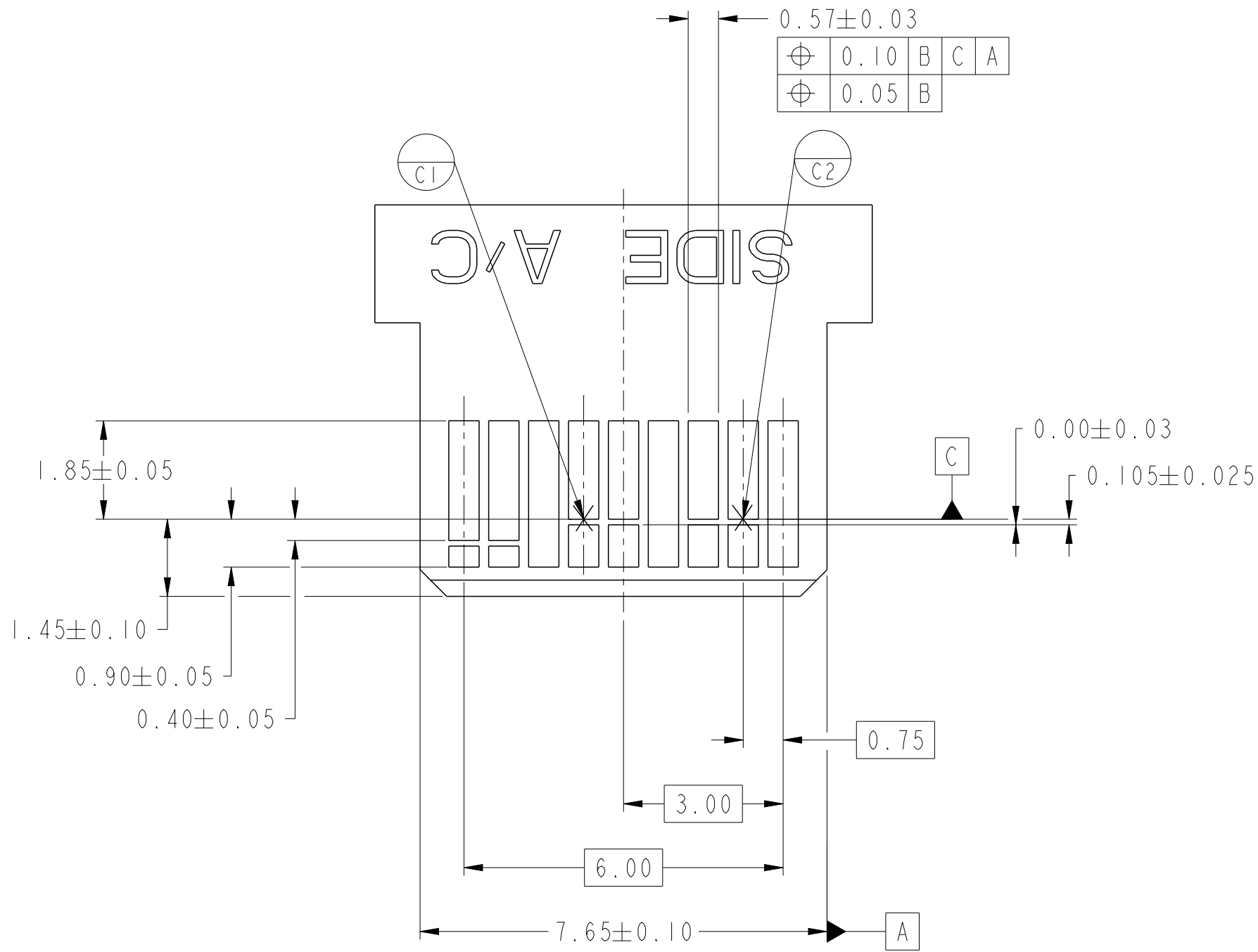
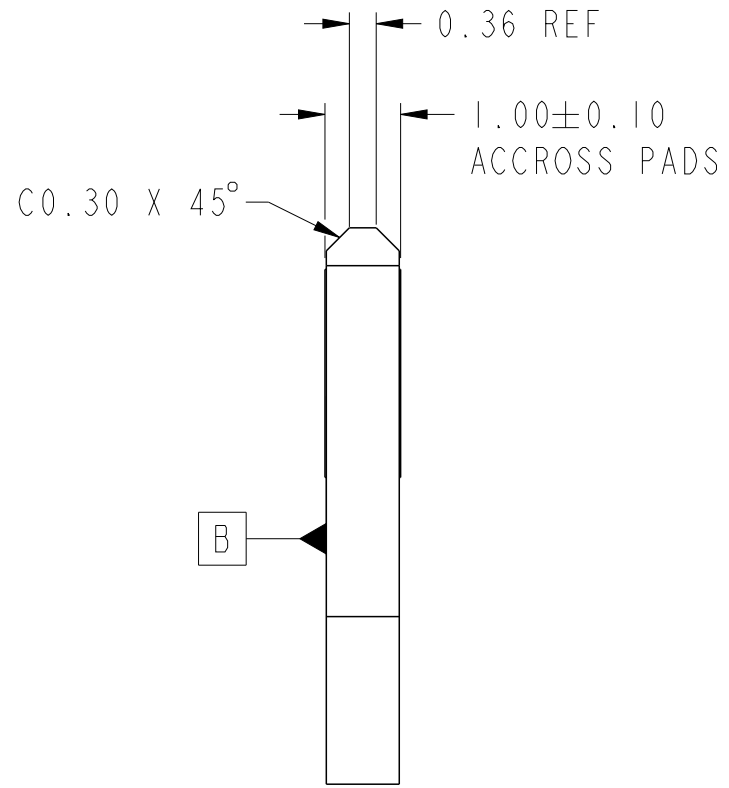
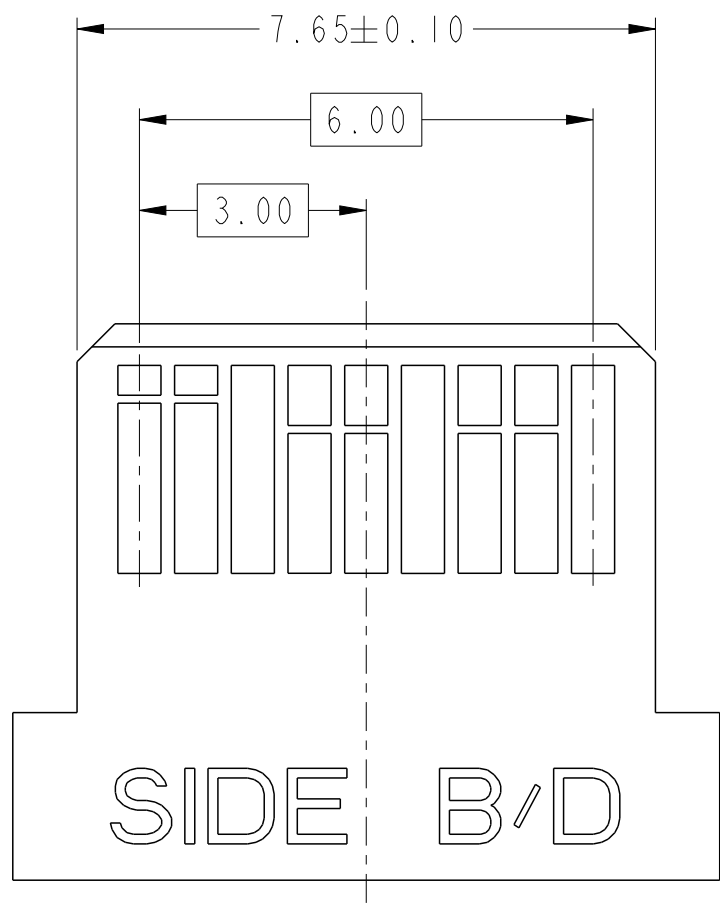
Copyright FCI.

spec ref -		dr Mark Gray		2010/08/04		projection		MM		size A2		scale 2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Jackbin Zou		2015/12/09						ecn no ELX-DG-17997-1			
ASME Y14.5				chr Zhen Luo		2015/12/22						rel level Released			
-				appr Pei-Ming Zheng		2015/12/23						product family MINI-SAS HD			
surface 		linear		0.X		±0.25				title IX4 INTERNAL ASSEMBLY		dwg no 10112634		rev C	
		0.XX		±0.15											
		0.XXX		± -											
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 3 of 4	

PDS: Rev :C

STATUS:Released

Printed: Dec 23, 2015



NOTES:

- 1. 0.05 MINIMUM KEEP OUT SOLDER MASK AROUND ALL PADS.
- 2. DATUM C TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.

spec ref		-		dr		Mark Gray		2010/08/04		projection		MM		size		A2		scale		2:1			
tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackbin Zou		2015/12/09						ecn no		ELX-DG-17997-1					
				chr		Zhen Luo		2015/12/22		product family						MINI-SAS HD		rel level		Released			
				appr		Pei-Ming Zheng		2015/12/23															
surface				linear		0.X		±0.25				title		IX4 INTERNAL ASSEMBLY		dwg no		10112634		rev		C	
				0.XX		±0.15																	
				0.XXX		±-																	
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 4							