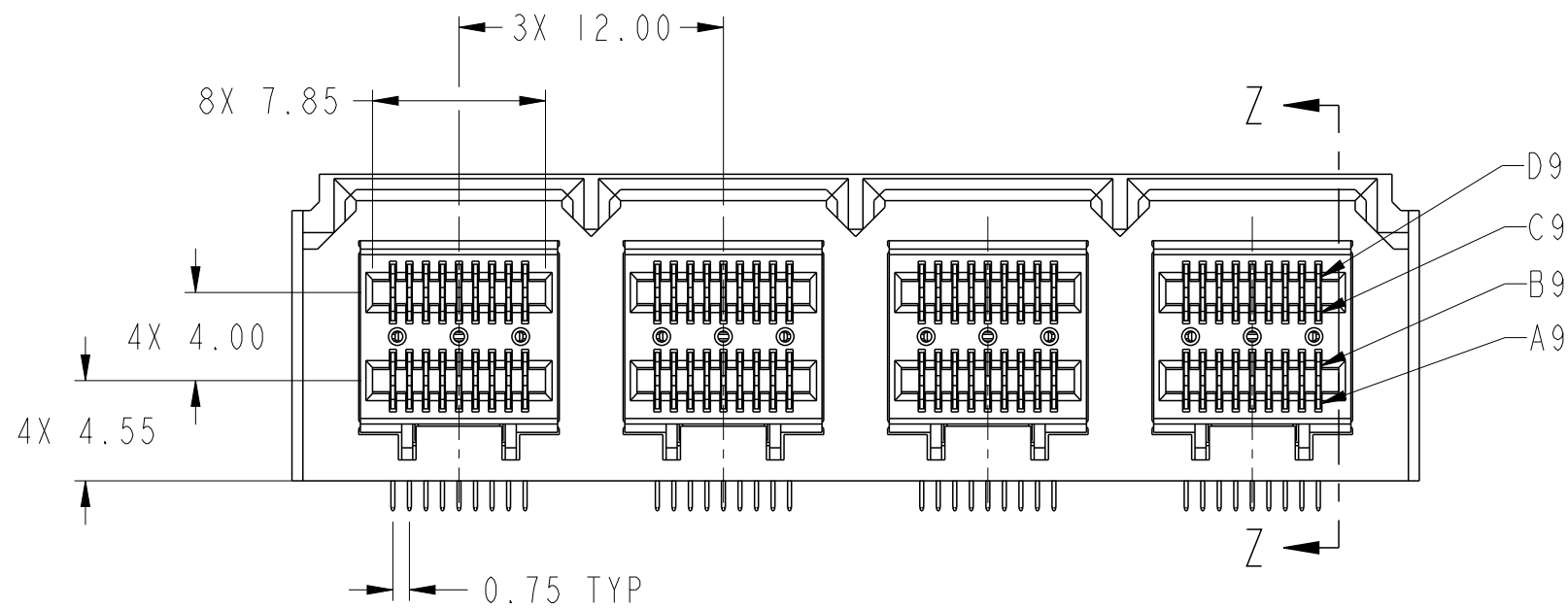
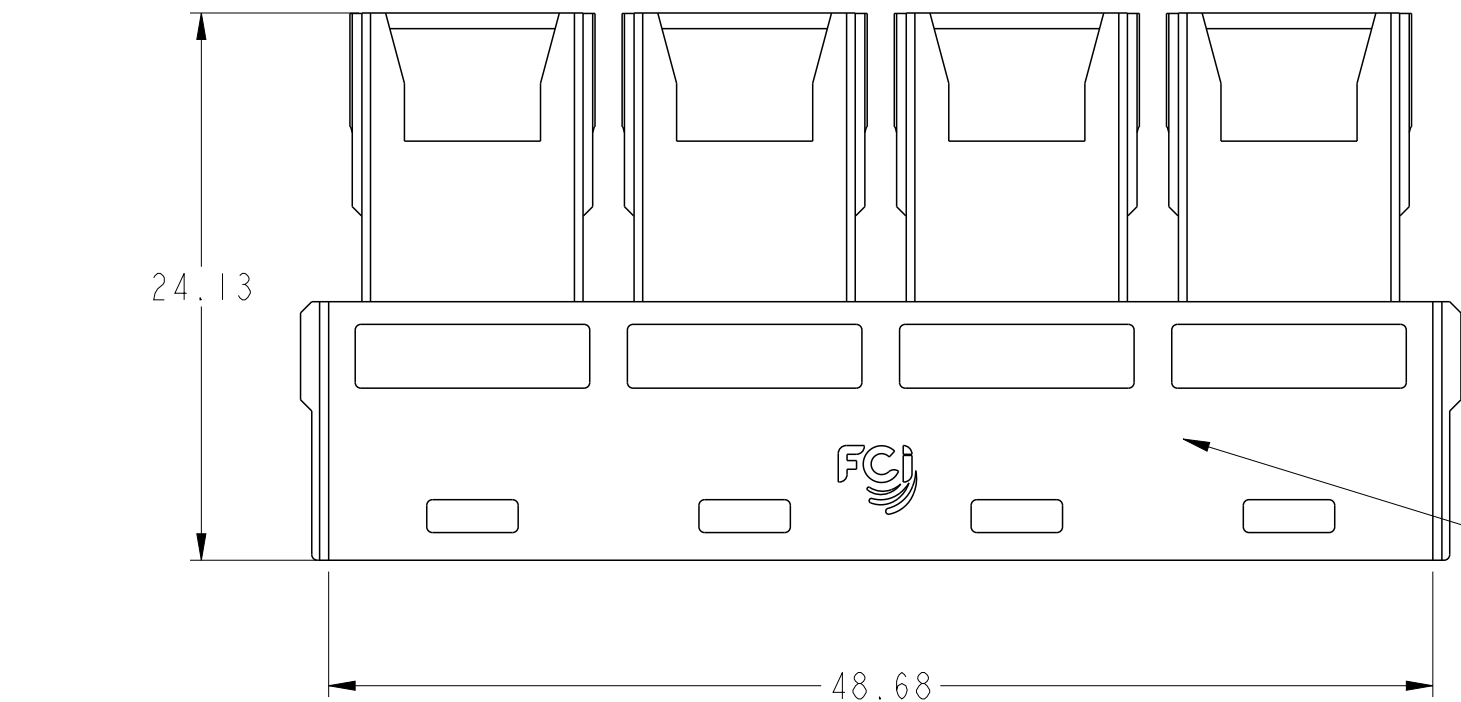
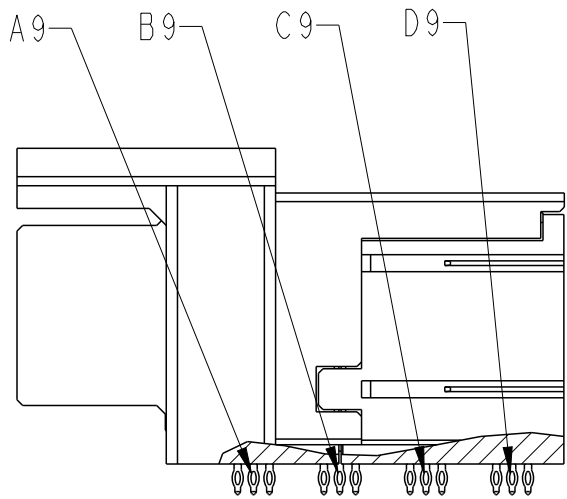


PRODUCT NUMBER	PLATING OPT.	HSG&FRAME COLOR
10112634-101	OPTION 1	BLACK
10112634-101LF	OPTION 2	BLACK
10112634-121	OPTION 1	NATURAL
10112634-121LF	OPTION 2	NATURAL



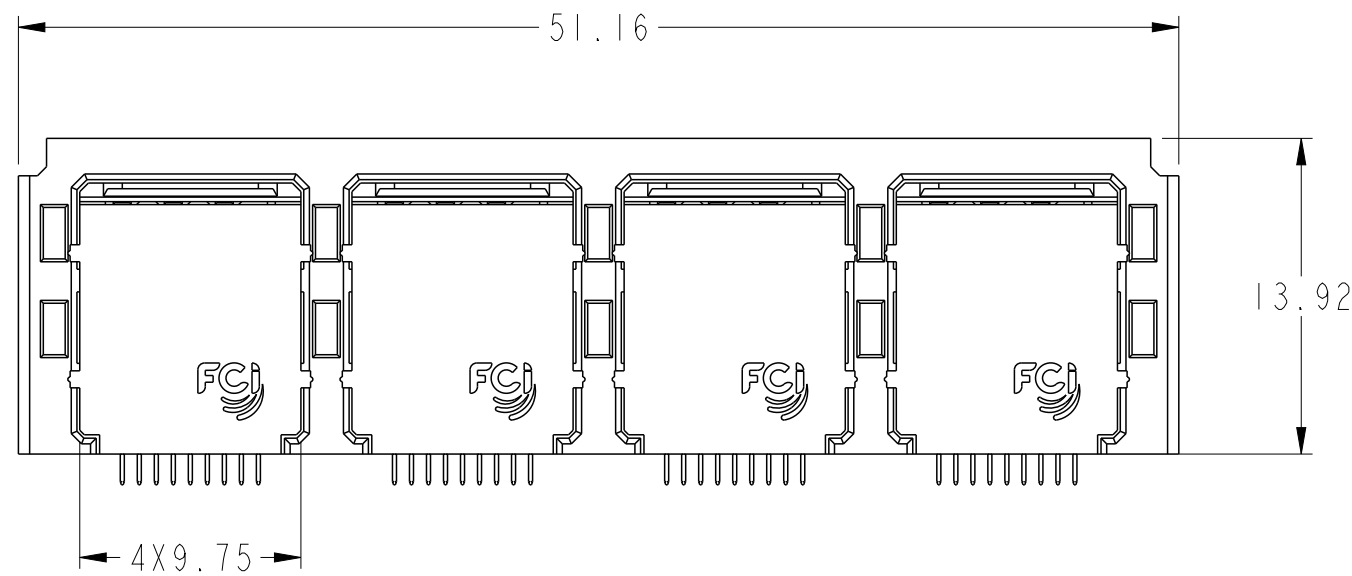
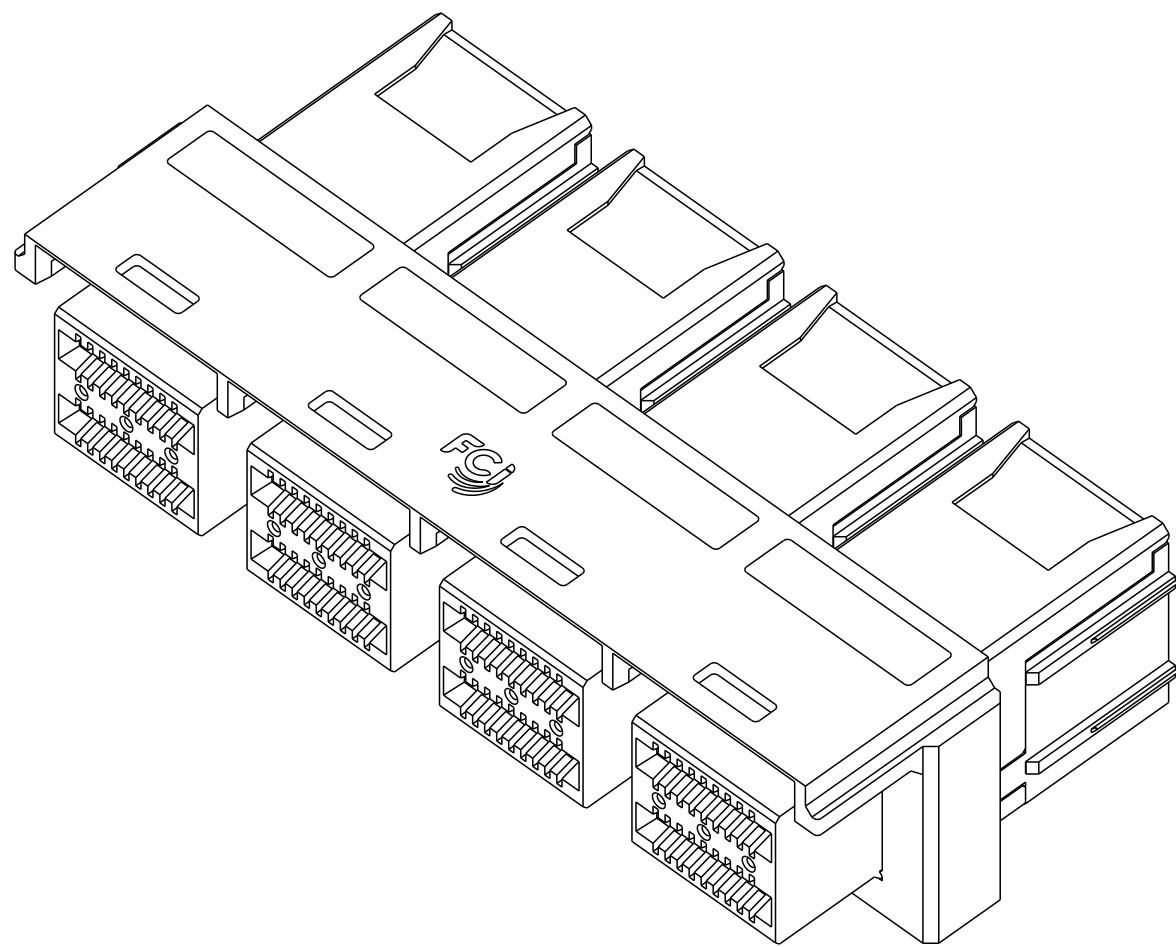
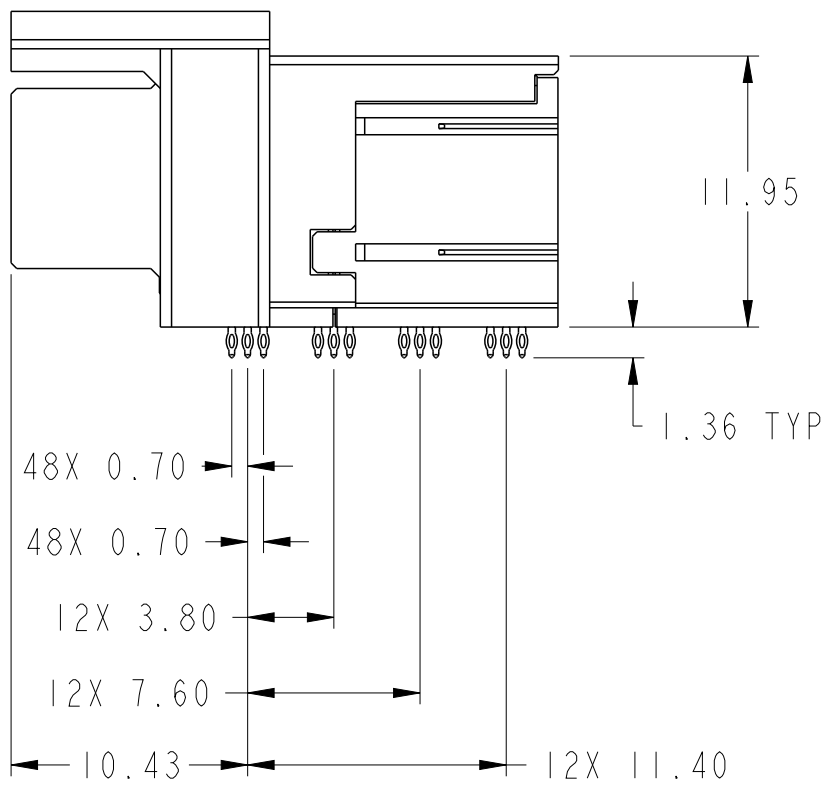
NOTES:

- 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 △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

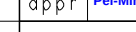


SECTION Z-Z

FCI P/N AND DATE CODE ON THIS SURFACE △



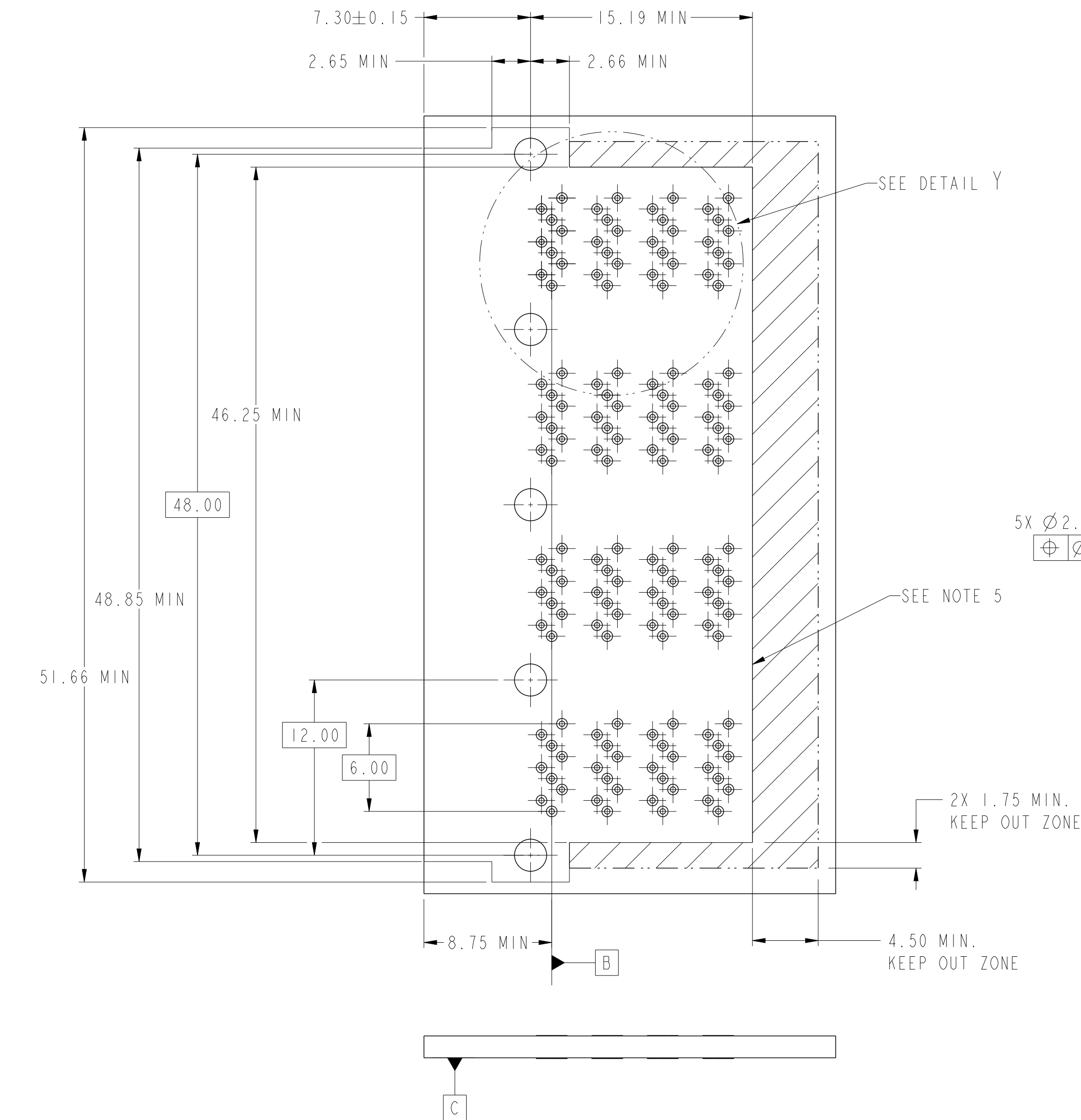
MATES WITH MINI-SAS HD ENDS IN:	
10119217 SERIES (4i)	
10119312 SERIES (4i)	
10120086 SERIES (4i)	
10120087 SERIES (4i)	
10119576 SERIES (8i)	
10119577 SERIES (8i)	
10120088 SERIES (8i)	
10120089 SERIES (8i)	

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					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Zhen Luo		2015/12/22		product family	MINI-SAS HD	ecn no ELX-DG-17997-1	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						
ASME Y14.5	angular	0°	±1/2°						

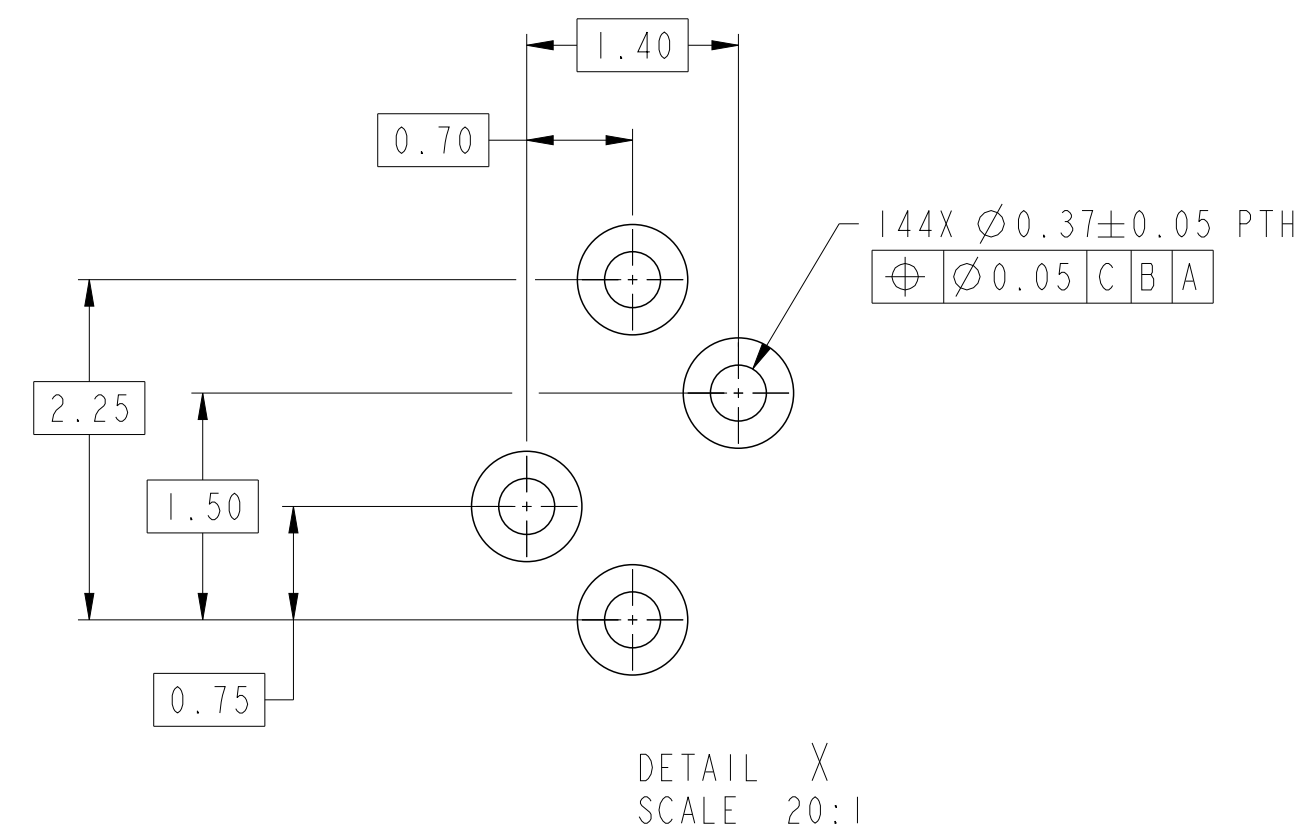
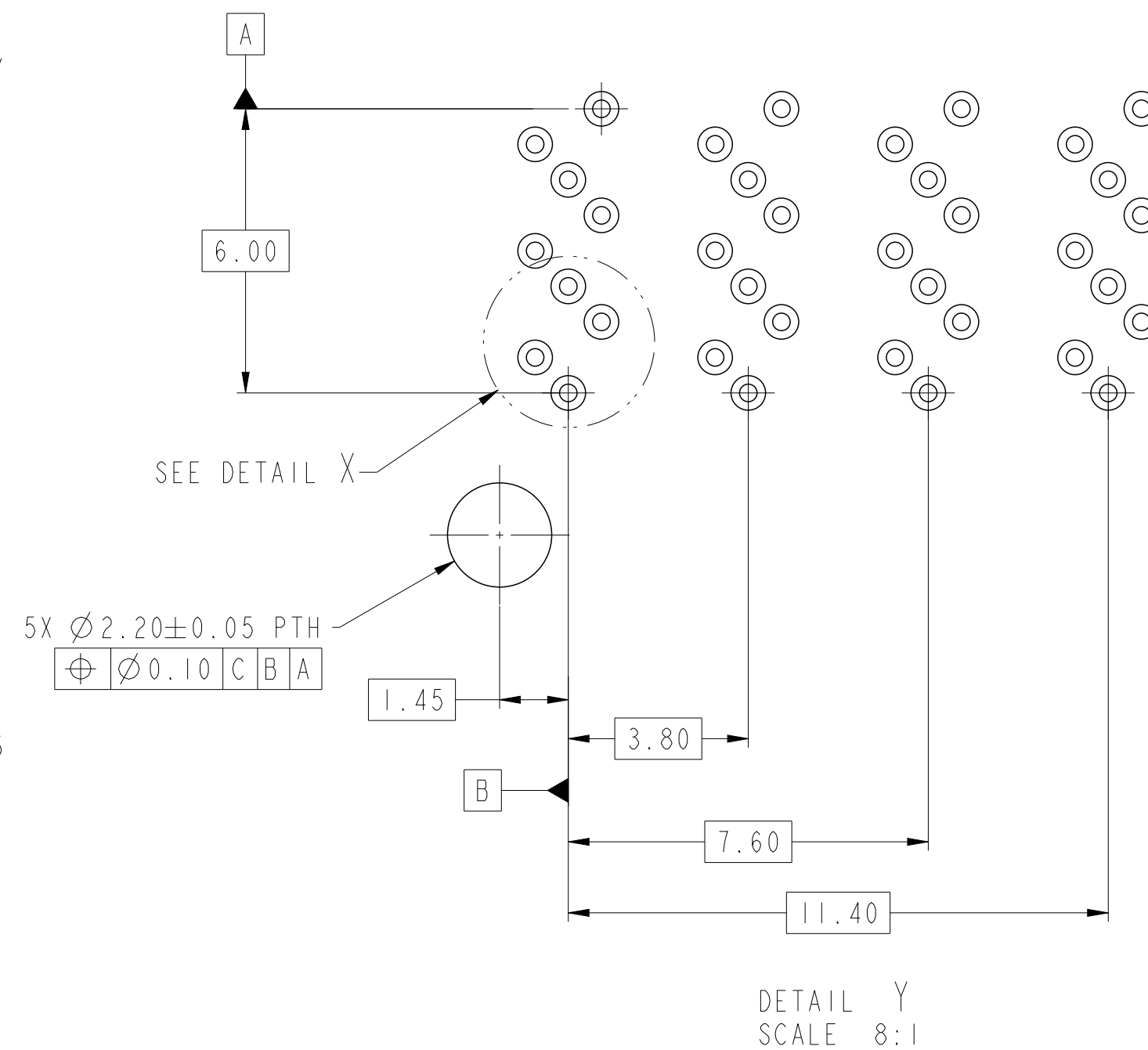
PDS: Rev :C

STATUS:Released

Printed: Dec 23, 2015



RECOMMENDED PC BOARD LAYOUT

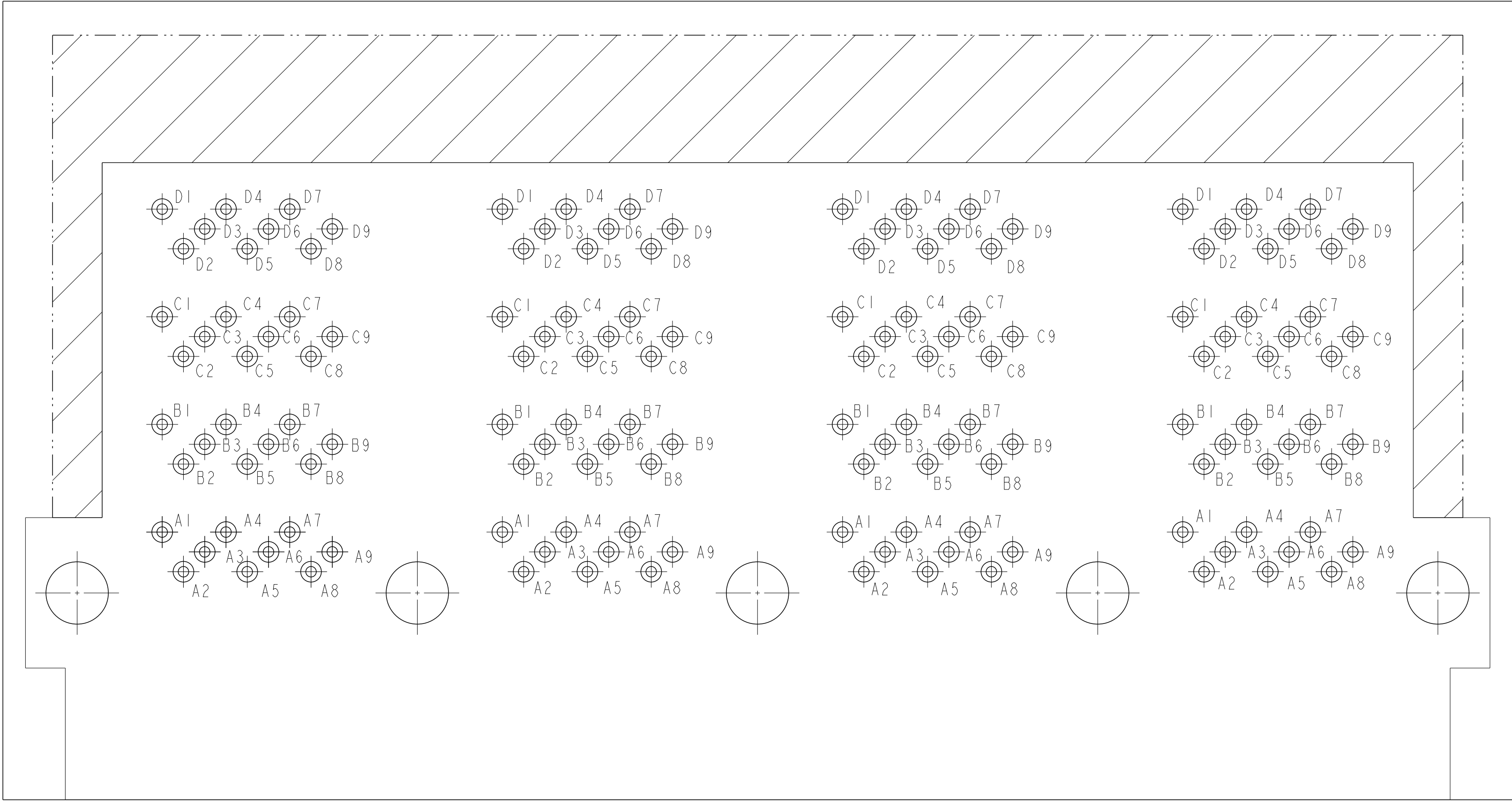


NOTES:

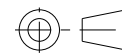
1. RECOMMENDED DRILL SIZE FOR A $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$ (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
3. MINIMUM RECOMMENDED SPACING : 14.00mm.
4. MINIMUM PCB THICKNESS : 1.57mm.
5. CONNECTOR KEEP OUT AREA.

spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	Jacklin 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



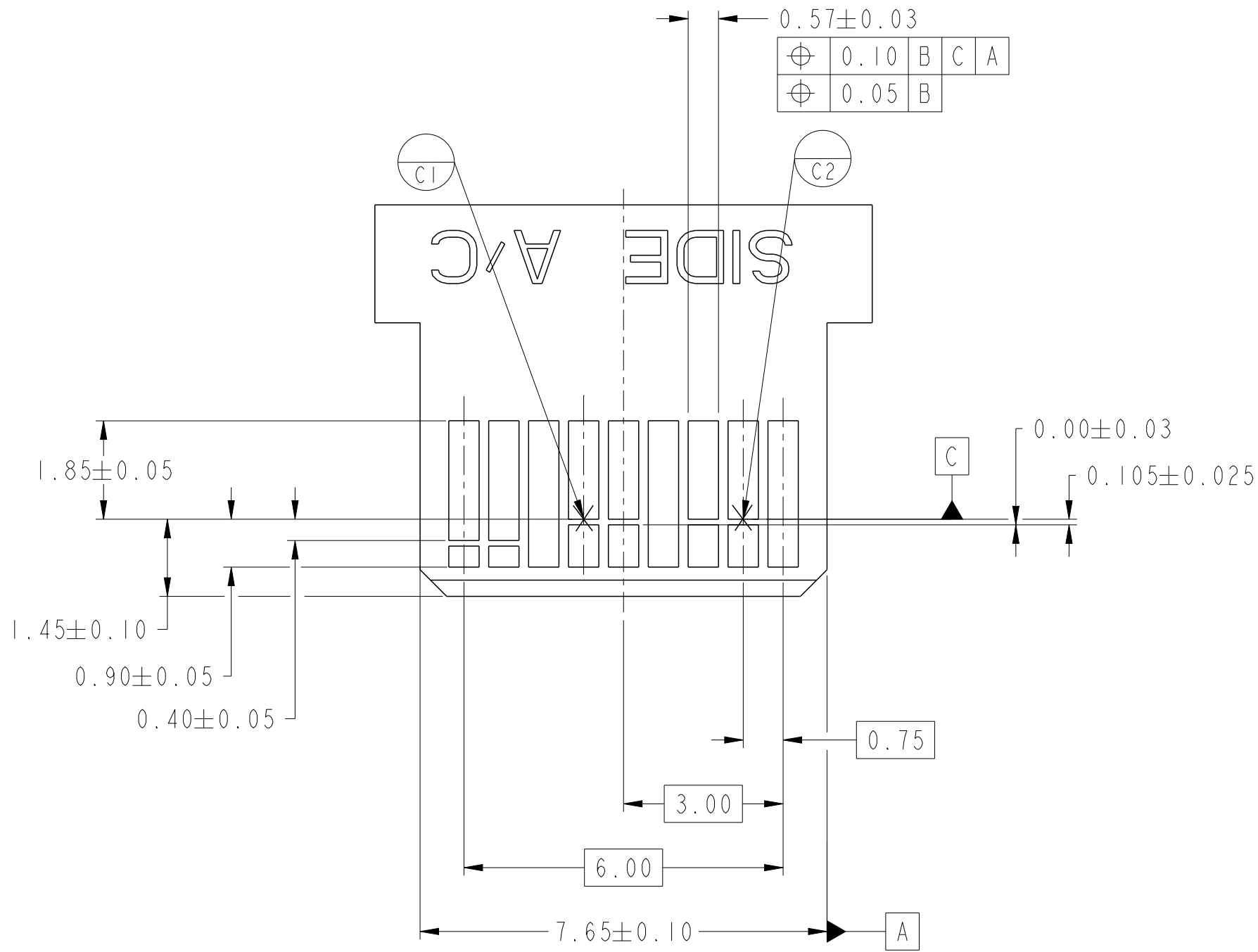
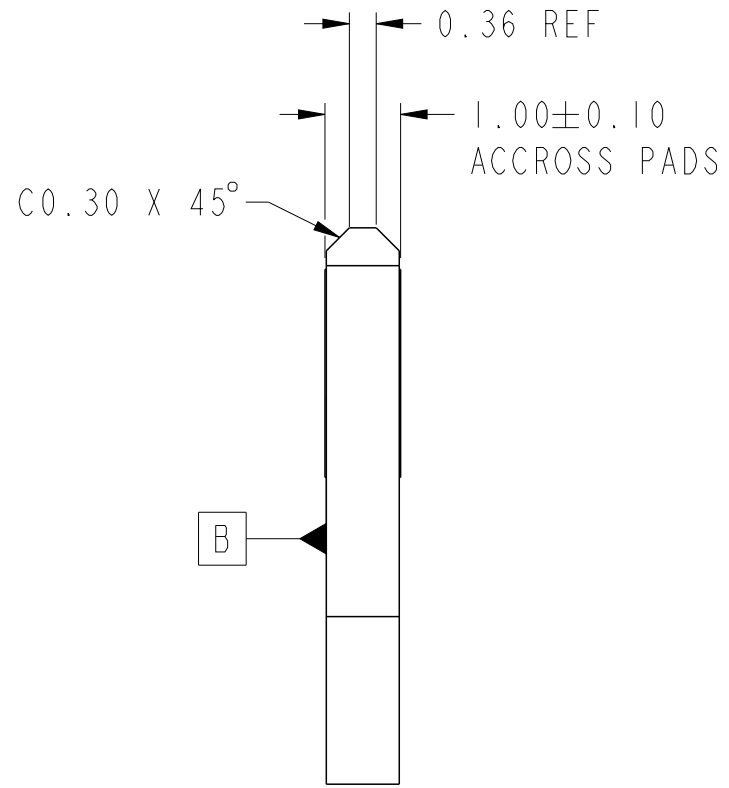
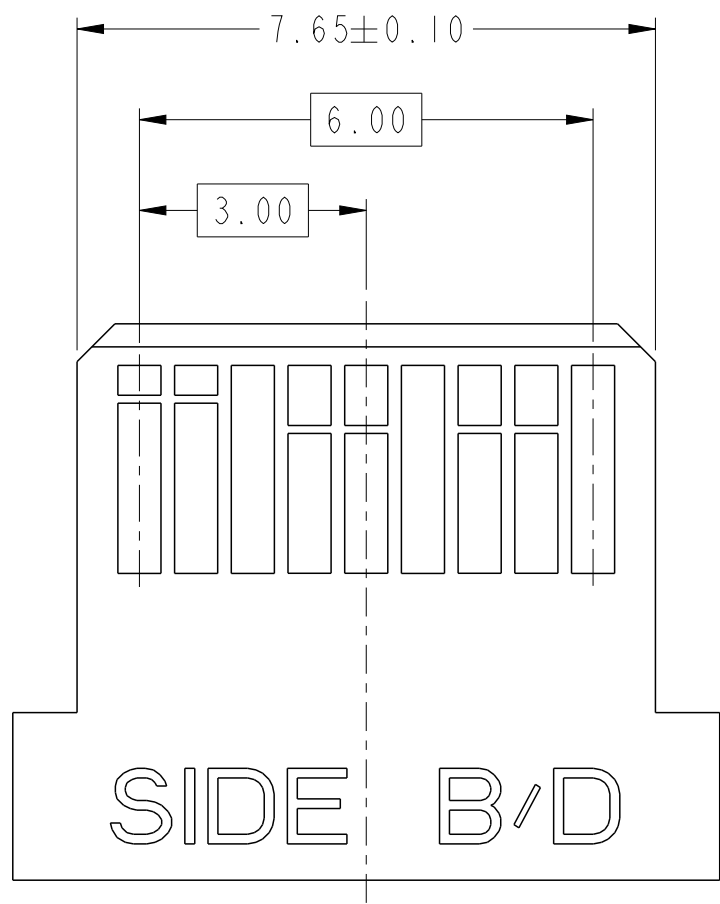
Copyright FCI.

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

PDS: Rev :C

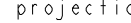
STATUS:Released

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			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 4 of 4		