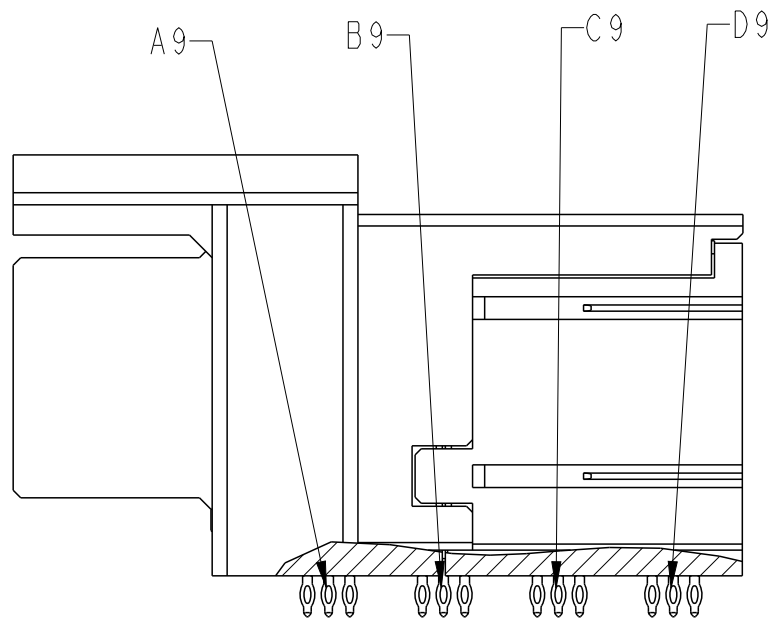
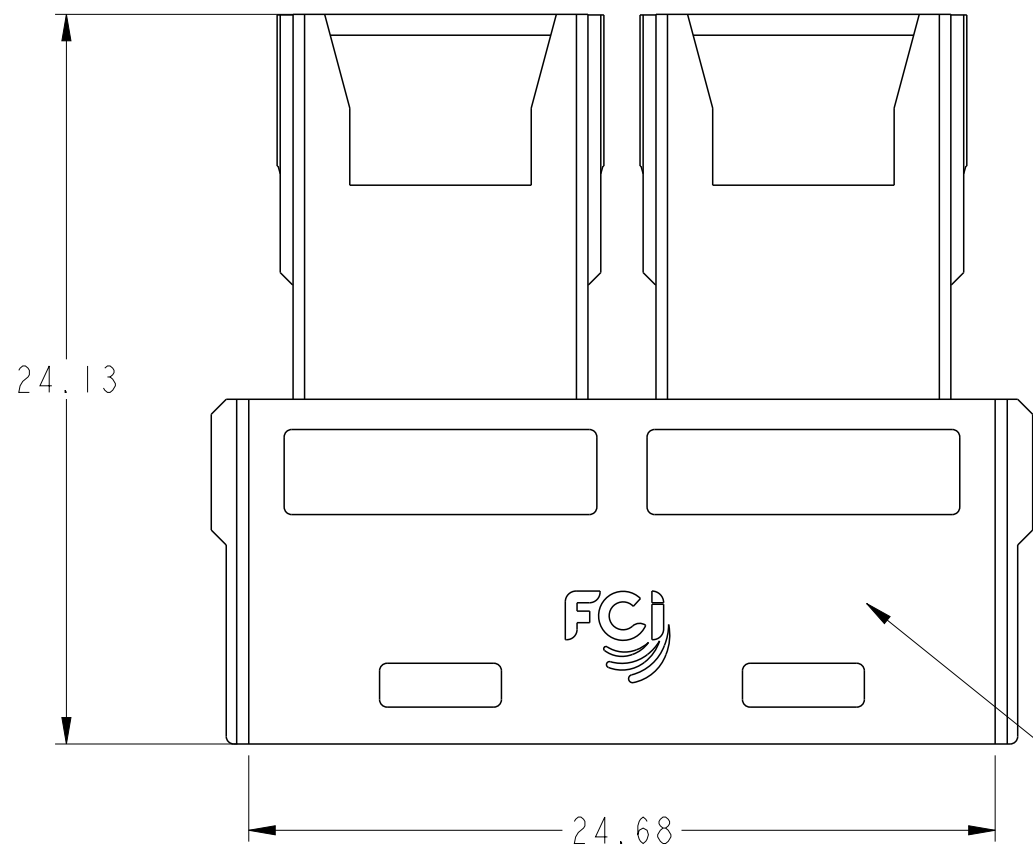
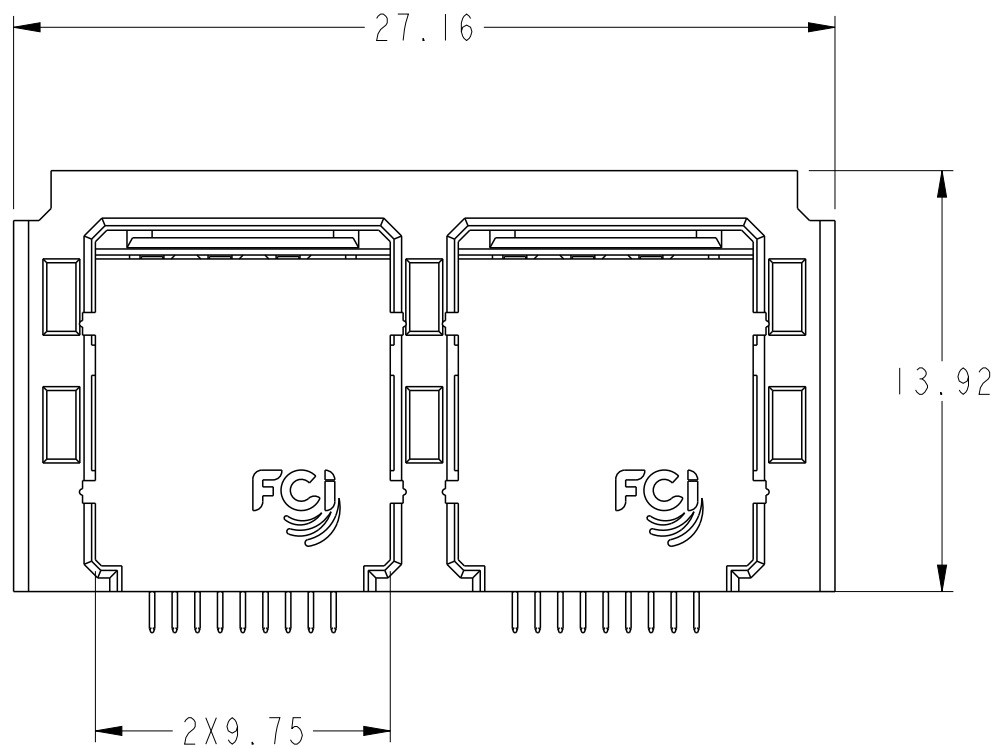
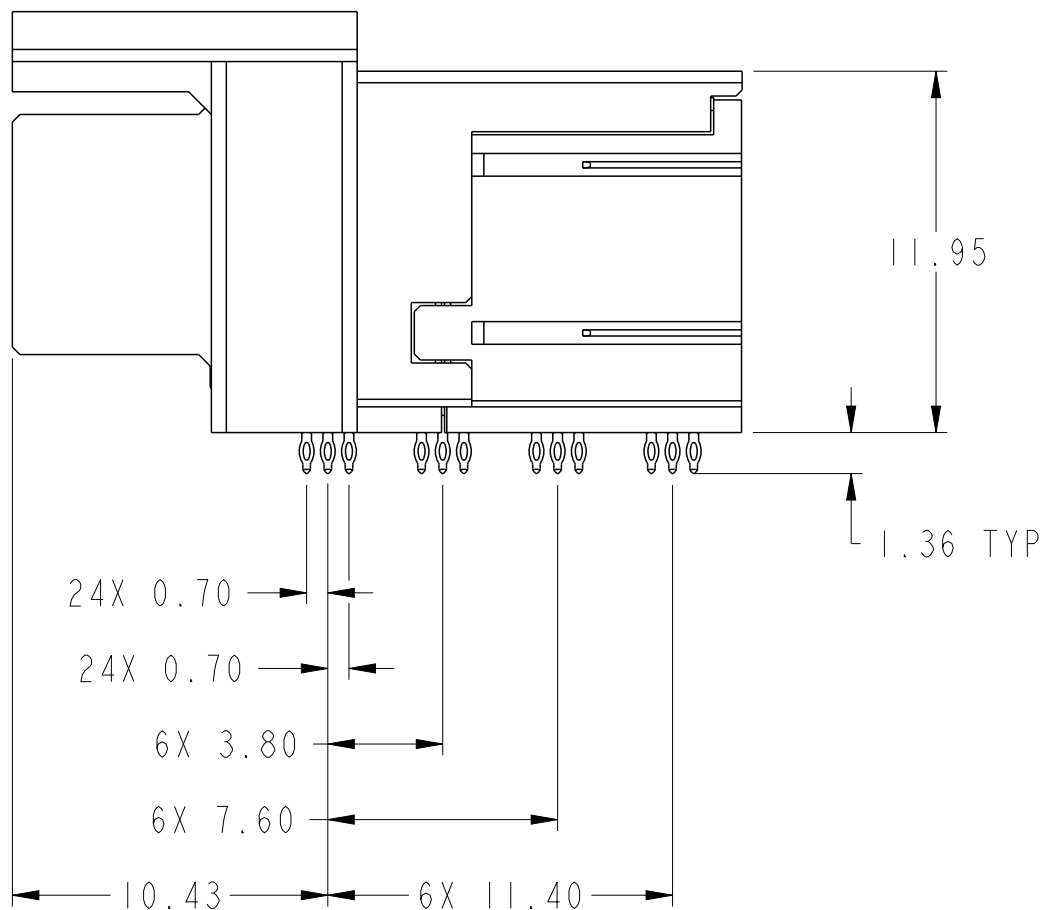
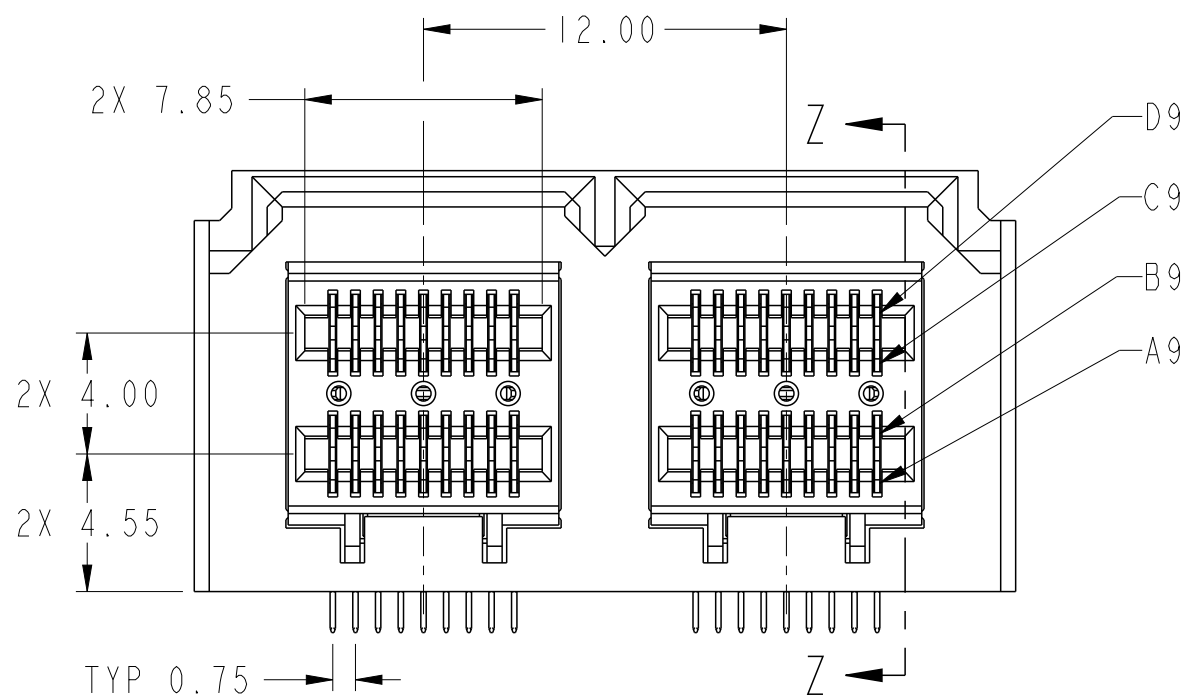
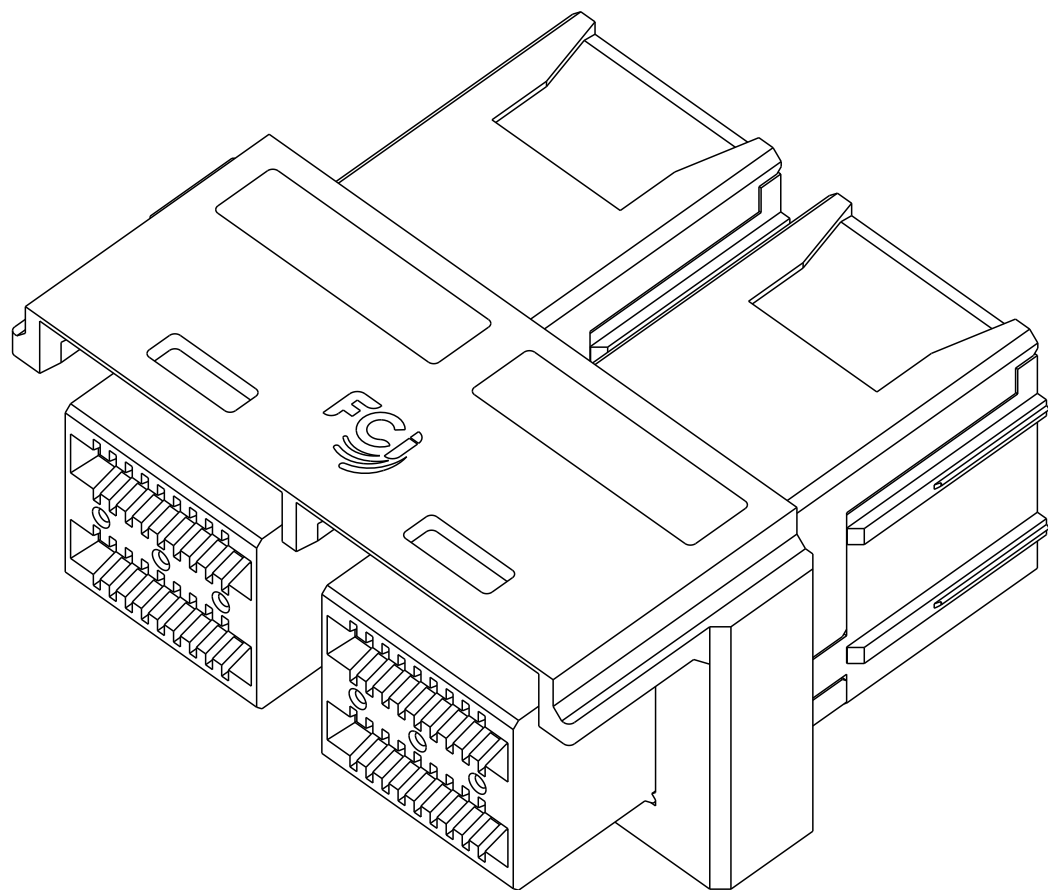


PRODUCT NUMBER	PLATING OPT.	HSG&FRAME COLOR
10112633-101	OPTION 1	BLACK
10112633-101LF	OPTION 2	BLACK
10112633-121	OPTION 1	NATURAL
10112633-121LF	OPTION 2	NATURAL



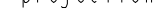
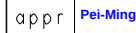
SECTION Z-Z



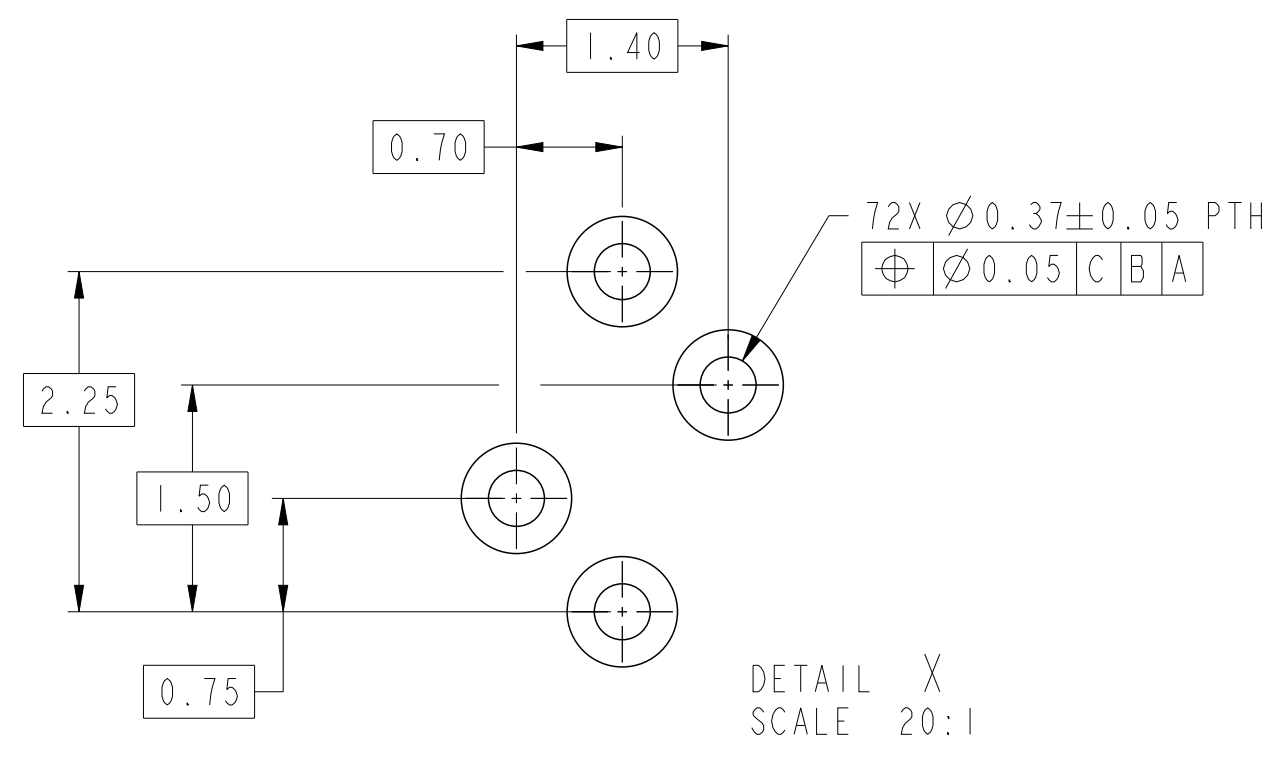
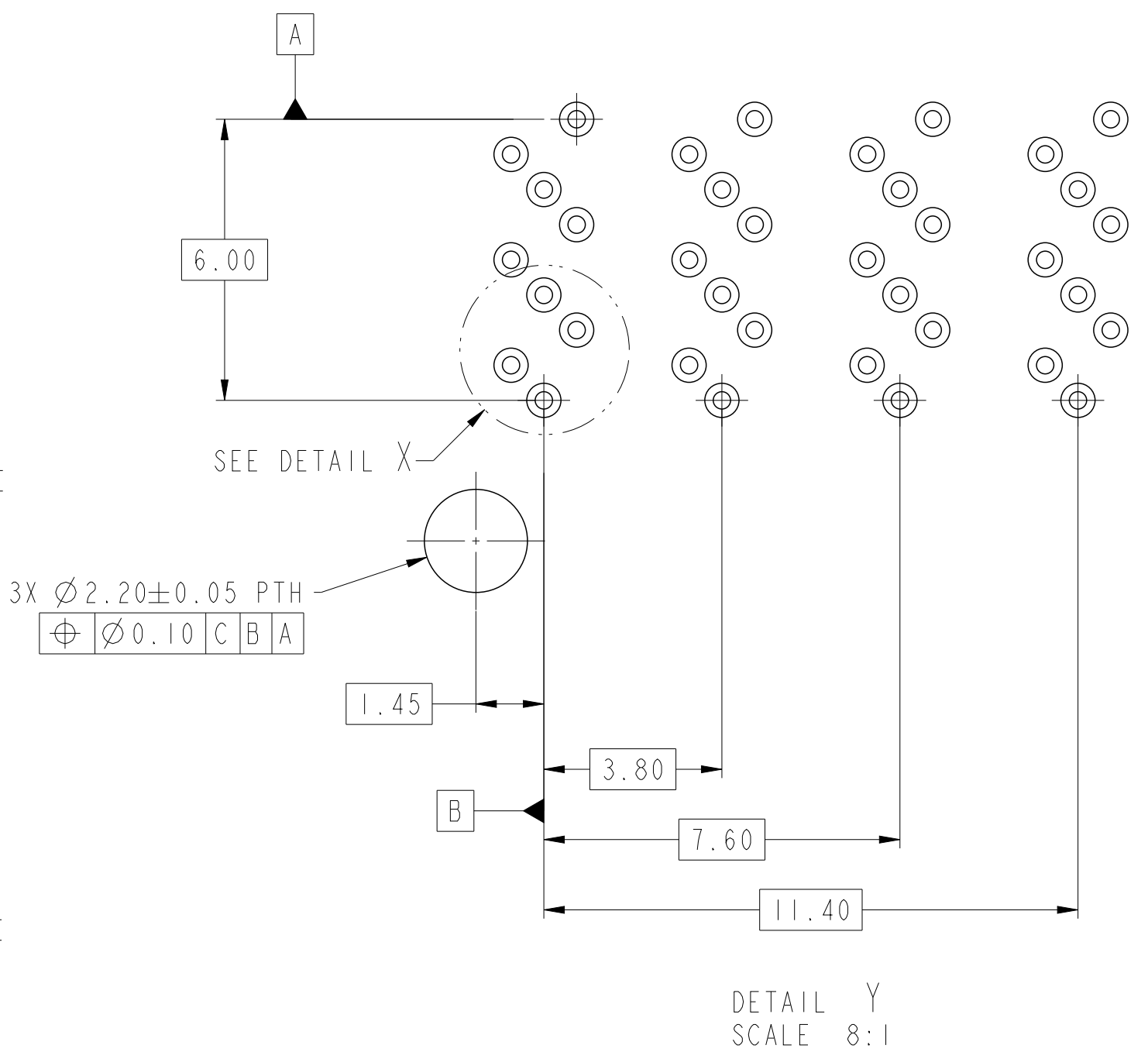
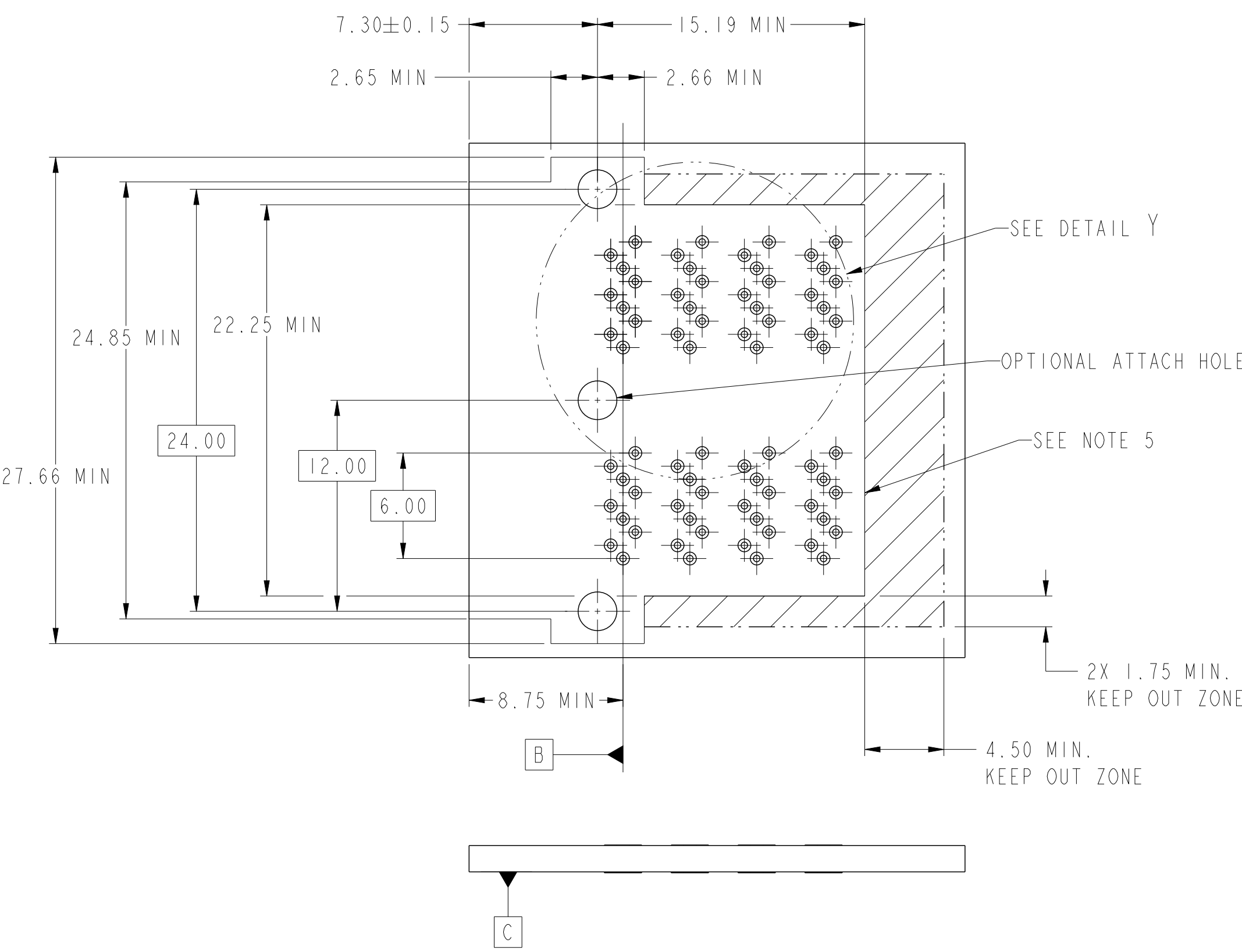
NOTES:

- 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.

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 4:1	
tolerance std			eng Jackbin Zou		2015/12/09						ecn no ELX-DG-17997-1		rel level Released	
ASME Y14.5			chr Zhen Luo		2015/12/22									
-			appr Pei-Ming Zheng		2015/12/23		product family		MINI-SAS HD					
surface 			linear		0.X ±0.25				title IX2 INTERNAL ASSEMBLY		dwg no 10112633		rev C	
			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



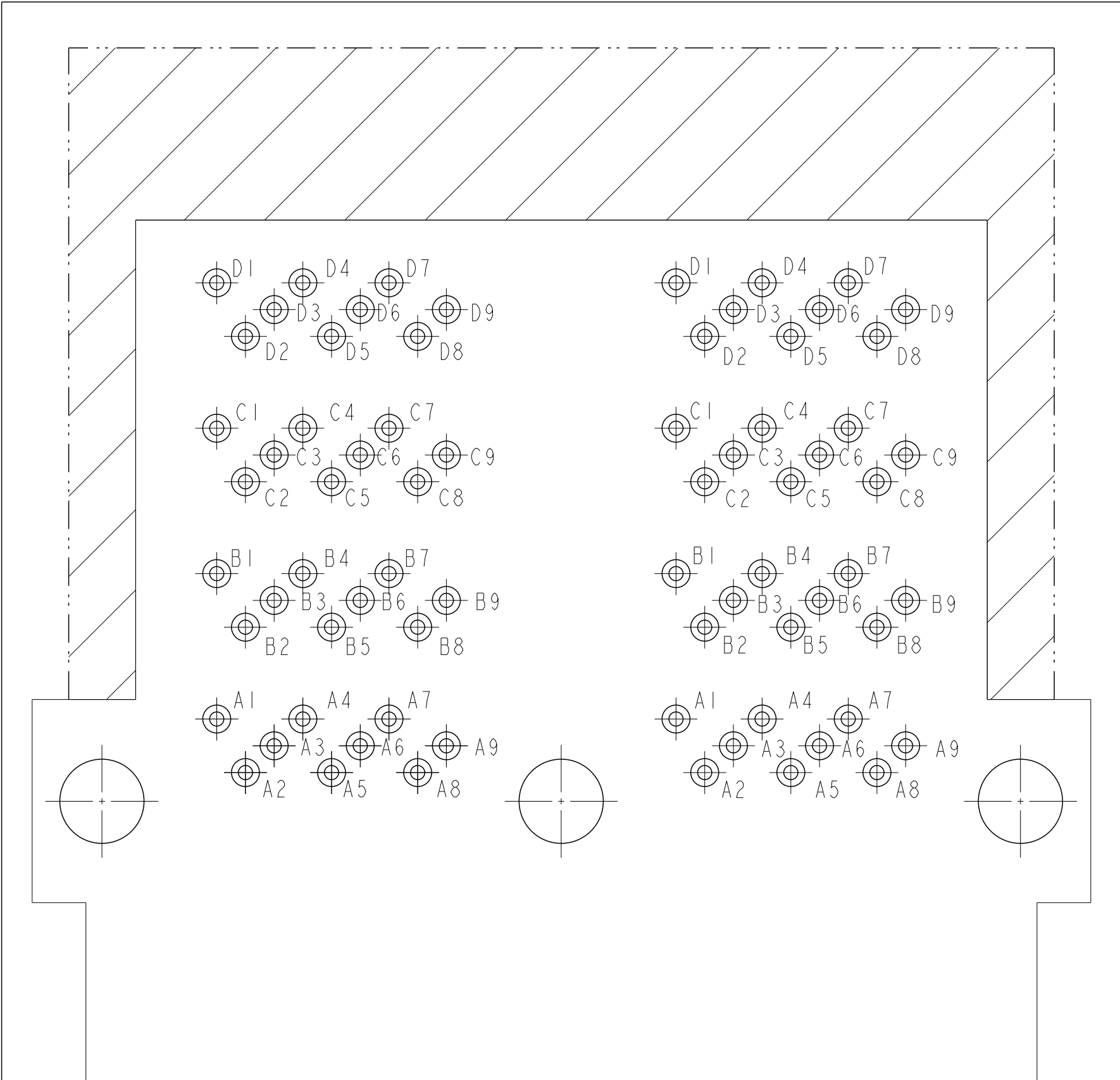
NOTES:

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.

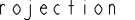
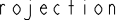
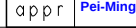
Copyright FCI.

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-17937-1					
		chr				Zhen Luo		2015/12/22															
		appr				Pei-Ming Zheng		2015/12/23		product family						MINI-SAS HD		rel level		Released			
surface		✓		linear		0.X		±0.25				title		IX2 INTERNAL ASSEMBLY		dwg no		10112633		rev		C	
				0.XX		±0.15																	
				0.XXX		±																	
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		-		Product- Customer Drw		sheet 2 of 4							

PIN OUT DESIGNATIONS



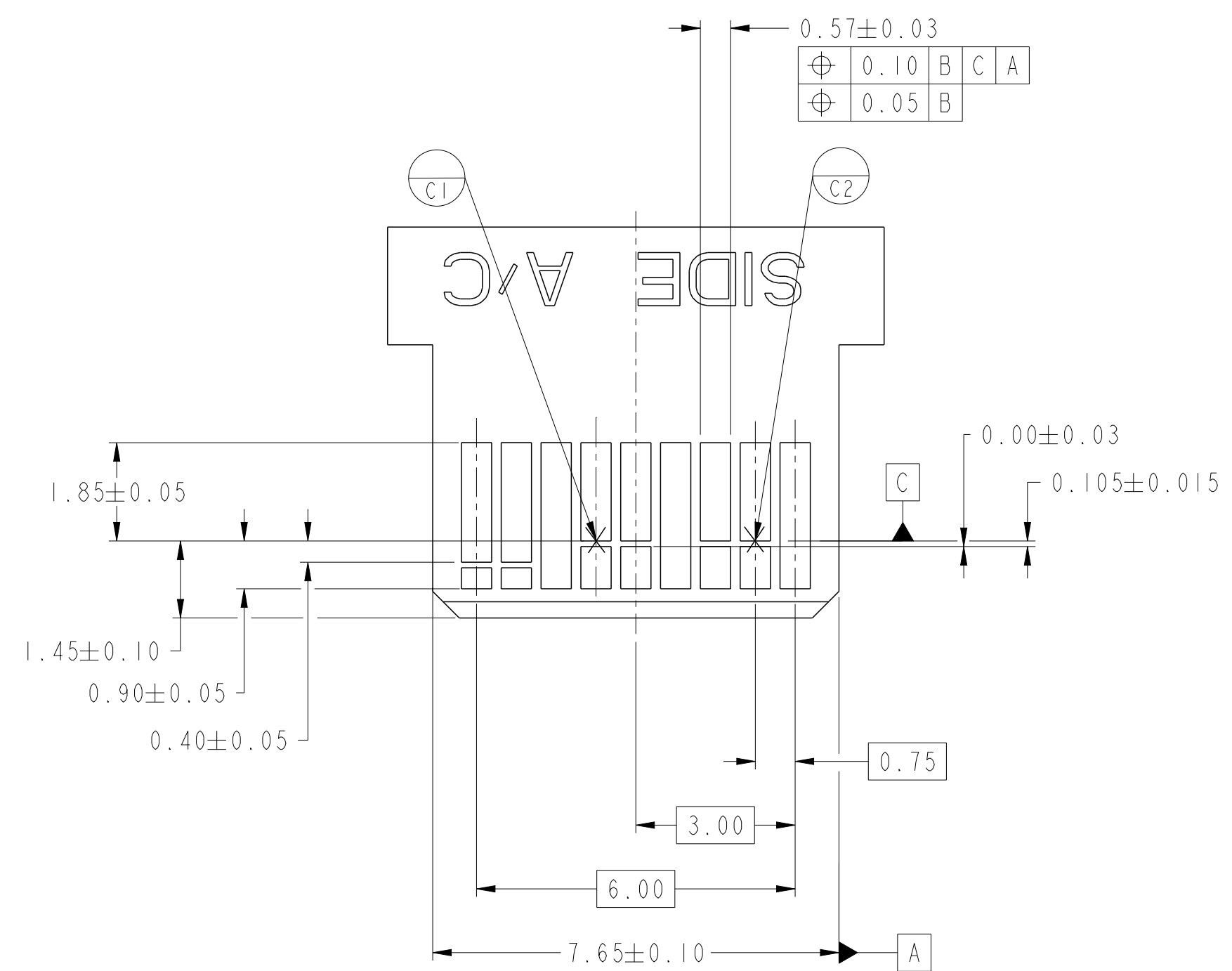
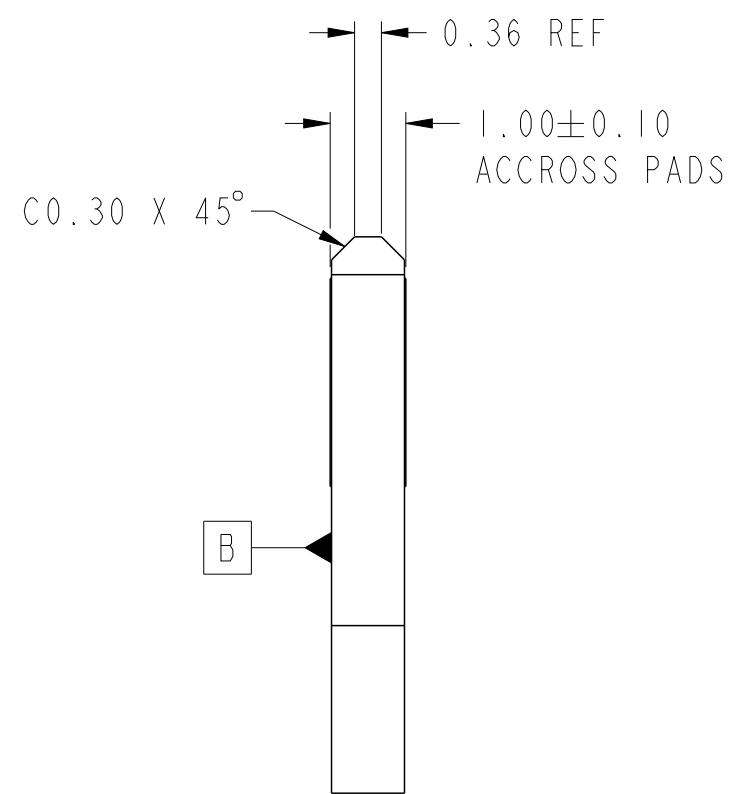
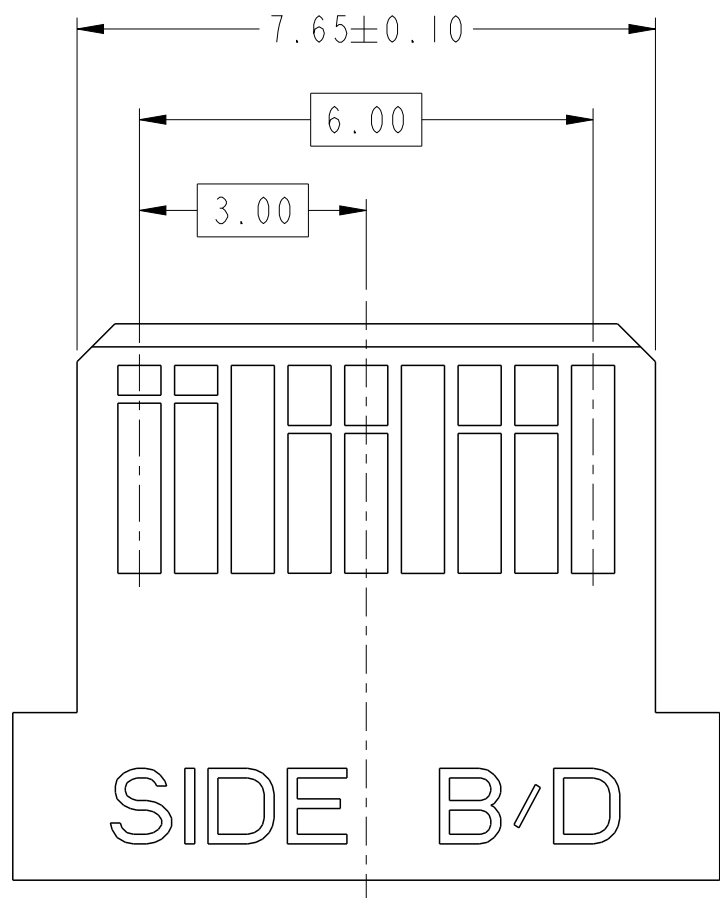
Copyright FCI.

spec ref			-		dr		Mark Gray		2010/08/04		projection				MM		size		A2		scale		2:1			
tolerance std			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		IX2 INTERNAL ASSEMBLY		dwg no		10112633		rev		C			
					0.XX		±0.15																			
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		rel level						Released							
		appr				Pei-Ming Zheng		2015/12/23		product family						MINI-SAS HD							
surface		✓		linear		0.X		±0.25				title		IX2 INTERNAL ASSEMBLY		cat. no.		-		Product - Customer Drw		sheet 4 of 4	
				0.XX		±0.15																	
		0.XXX		±-																			
ASME Y14.5		angular		0°		±1/2°		www.fci.com															