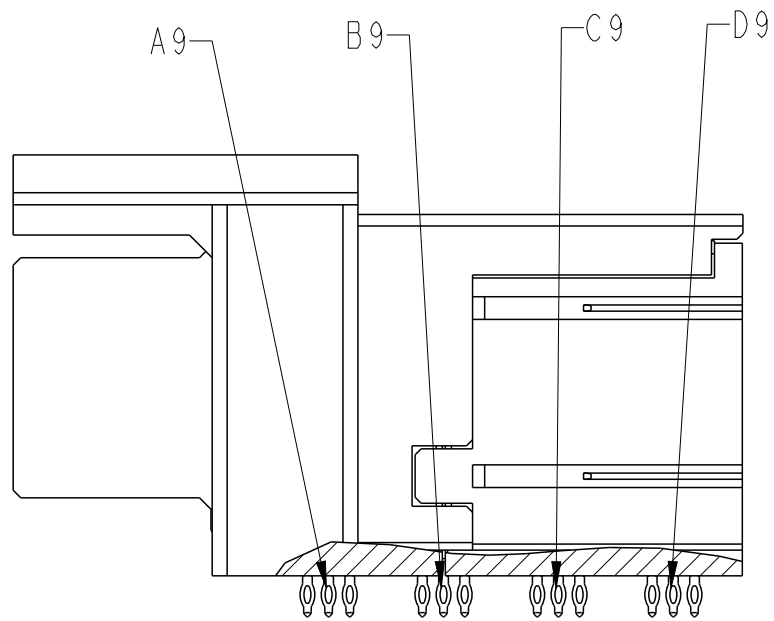
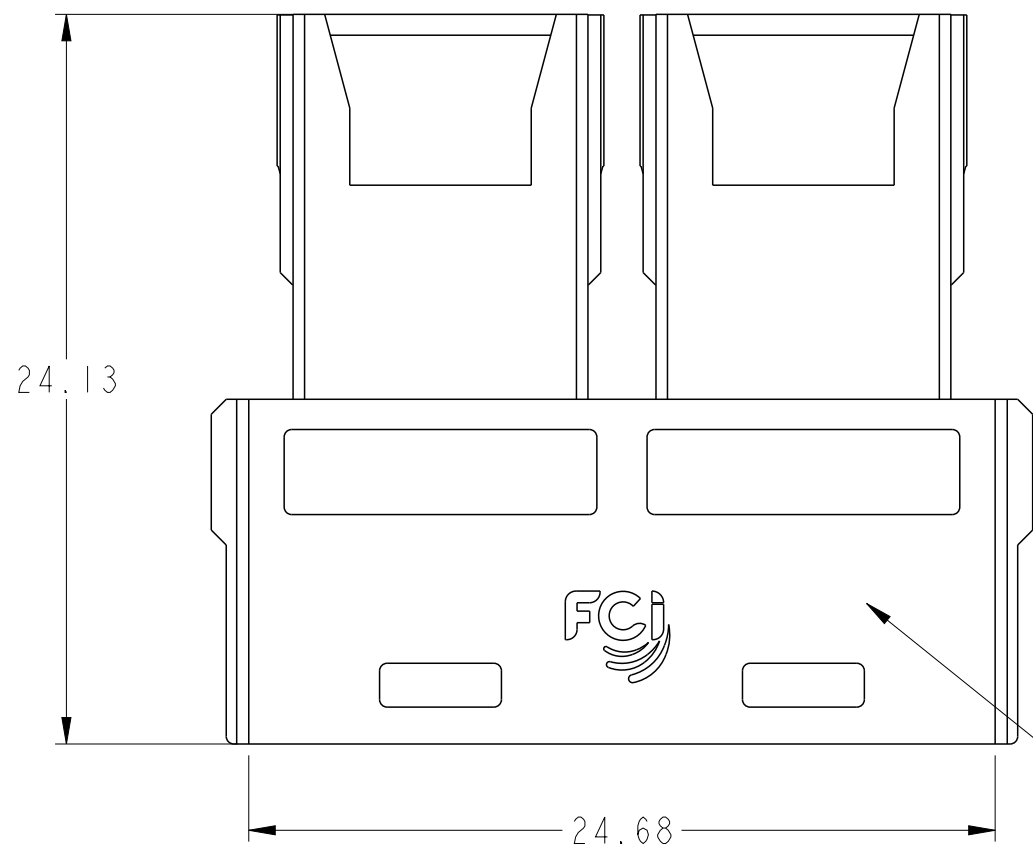
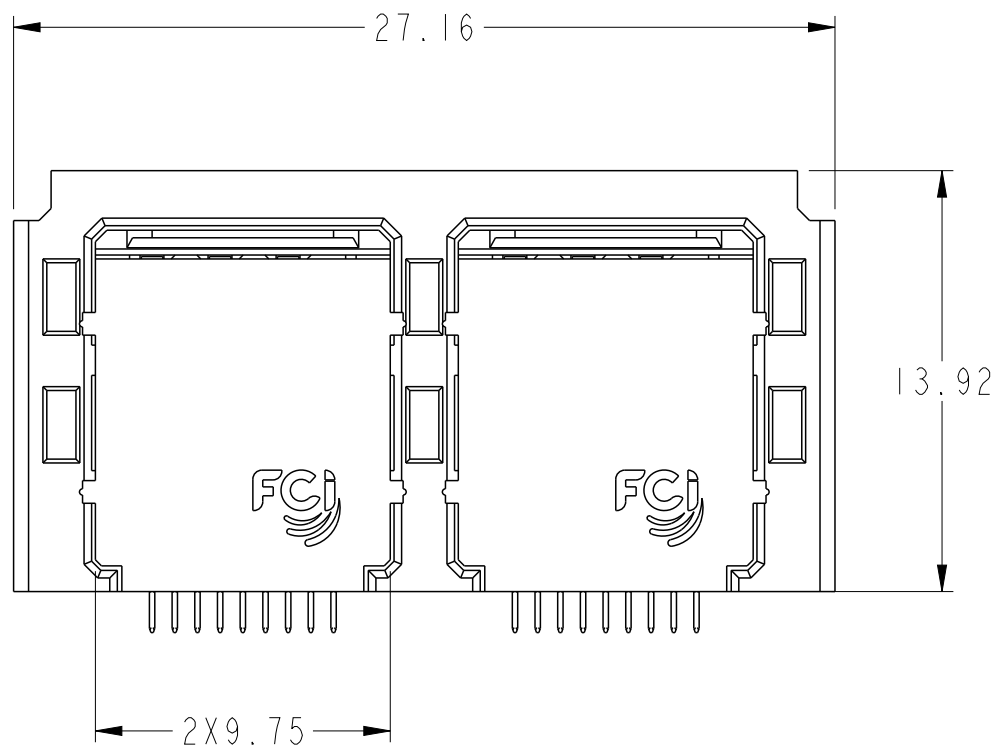
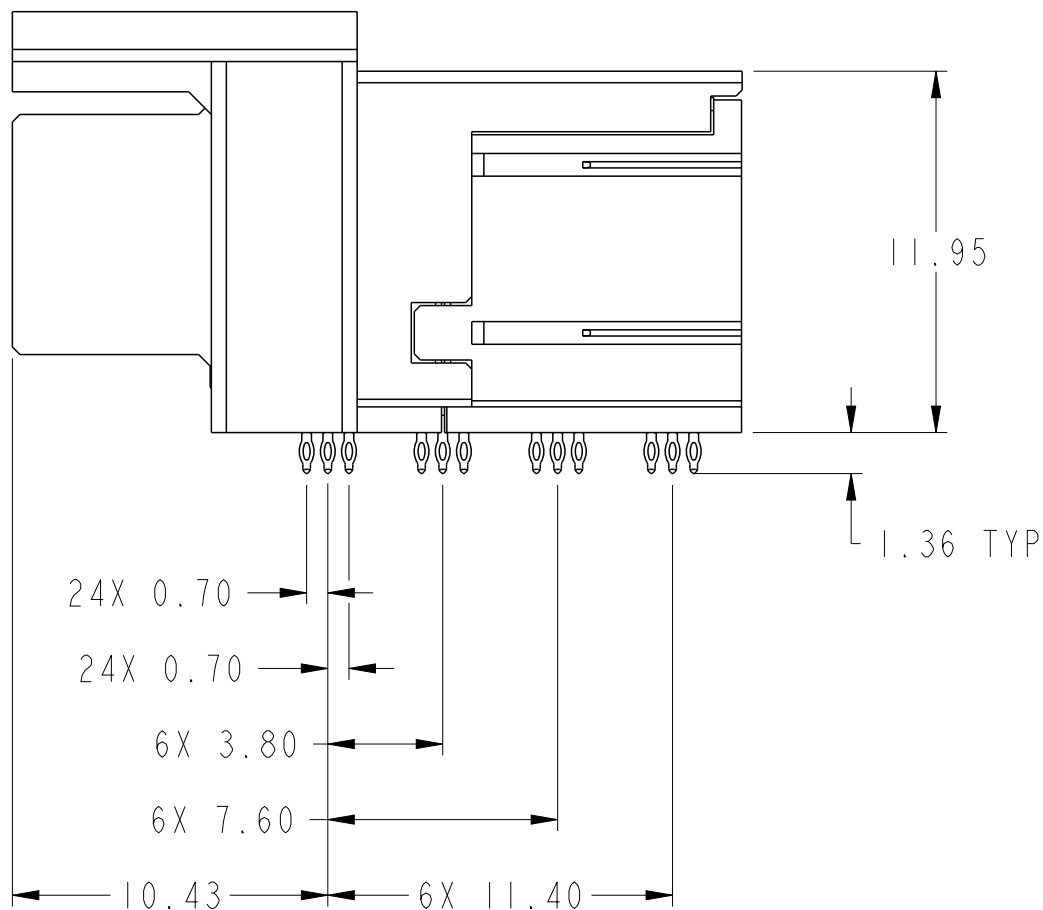
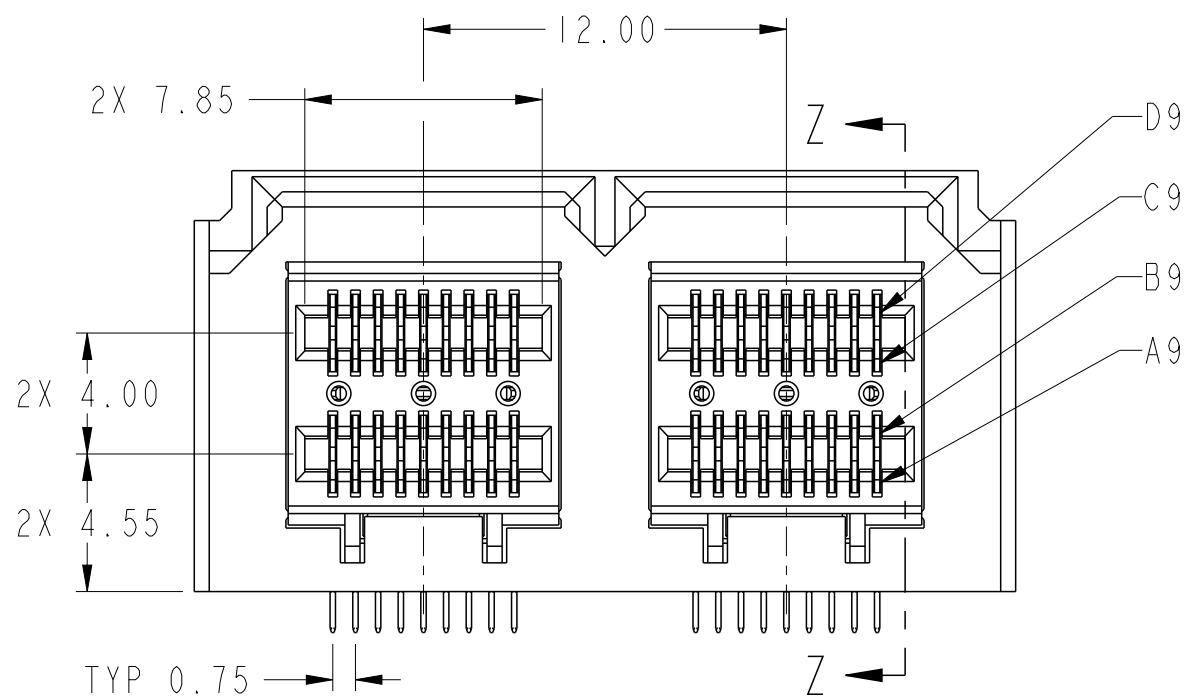
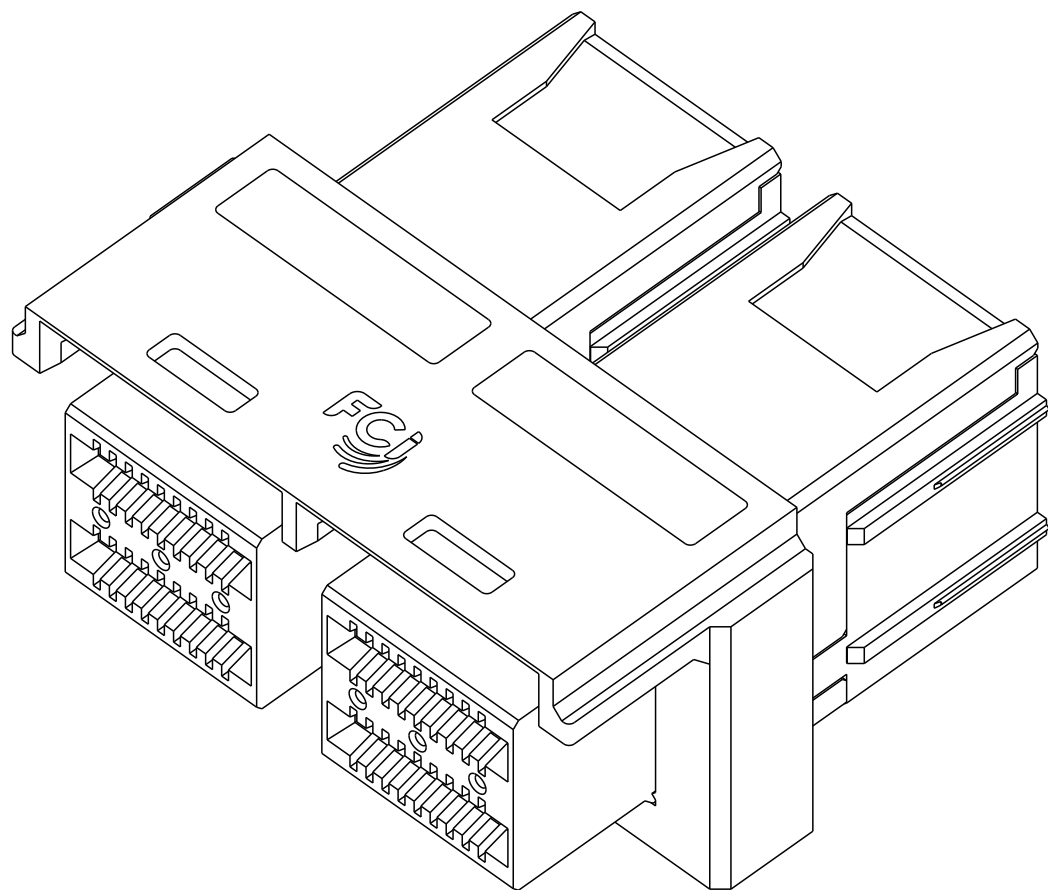


PRODUCT NUMBER	PLATING OPT.	HSG&FRAME COLOR
10112633-101	OPTION 1	BLACK
10112633-101LF	OPTION 2	BLACK
10112633-121	OPTION 1	NATURAL
10112633-121LF	OPTION 2	NATURAL



SECTION Z-Z



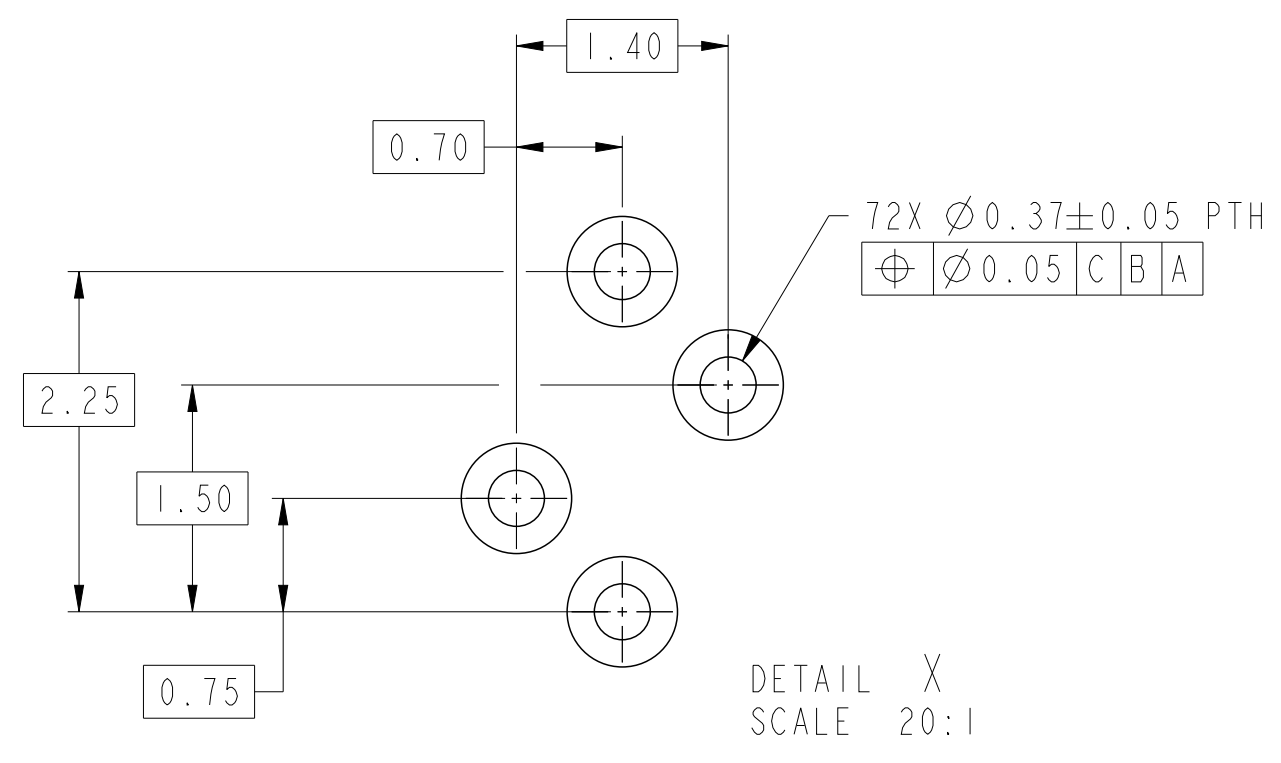
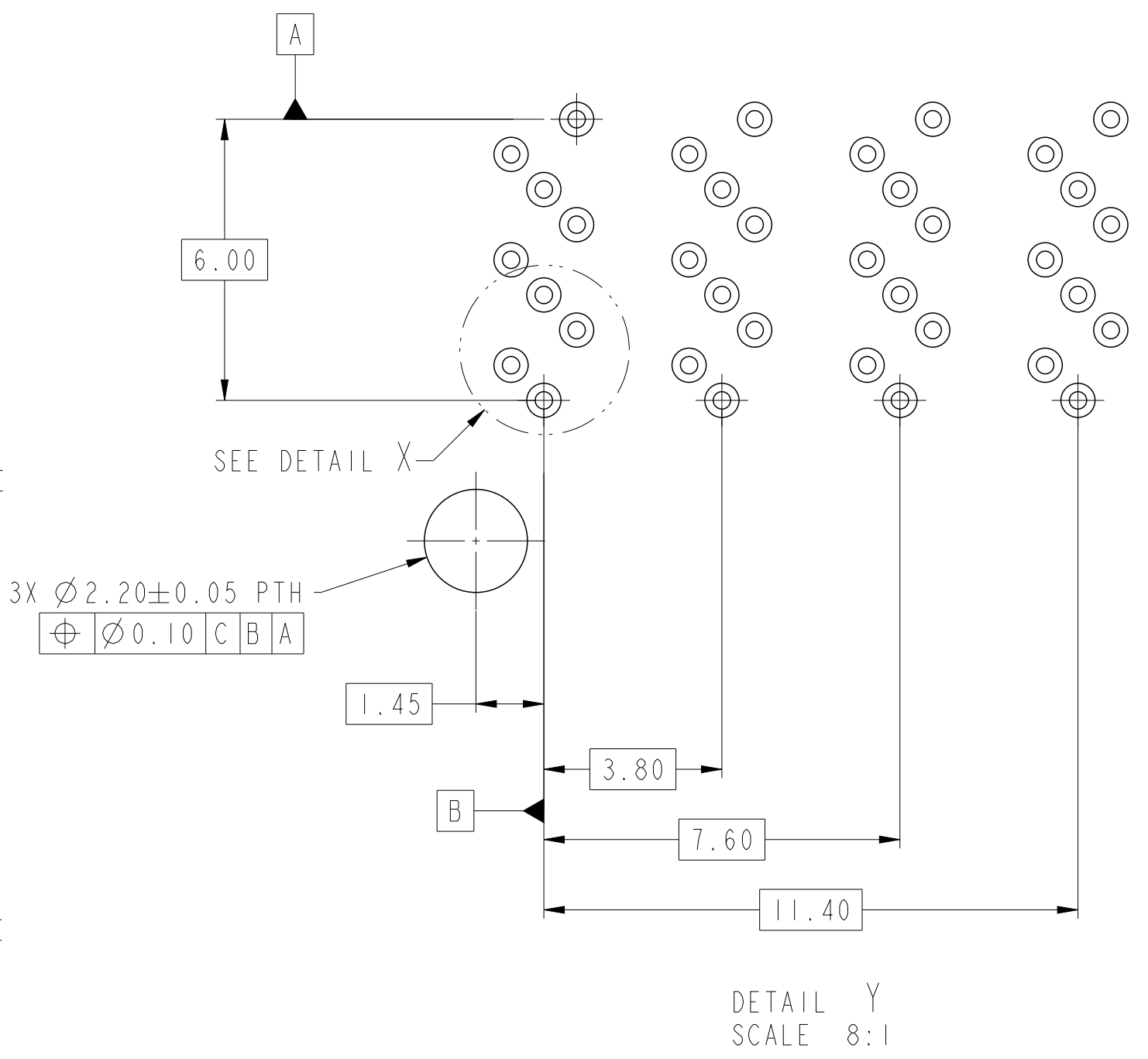
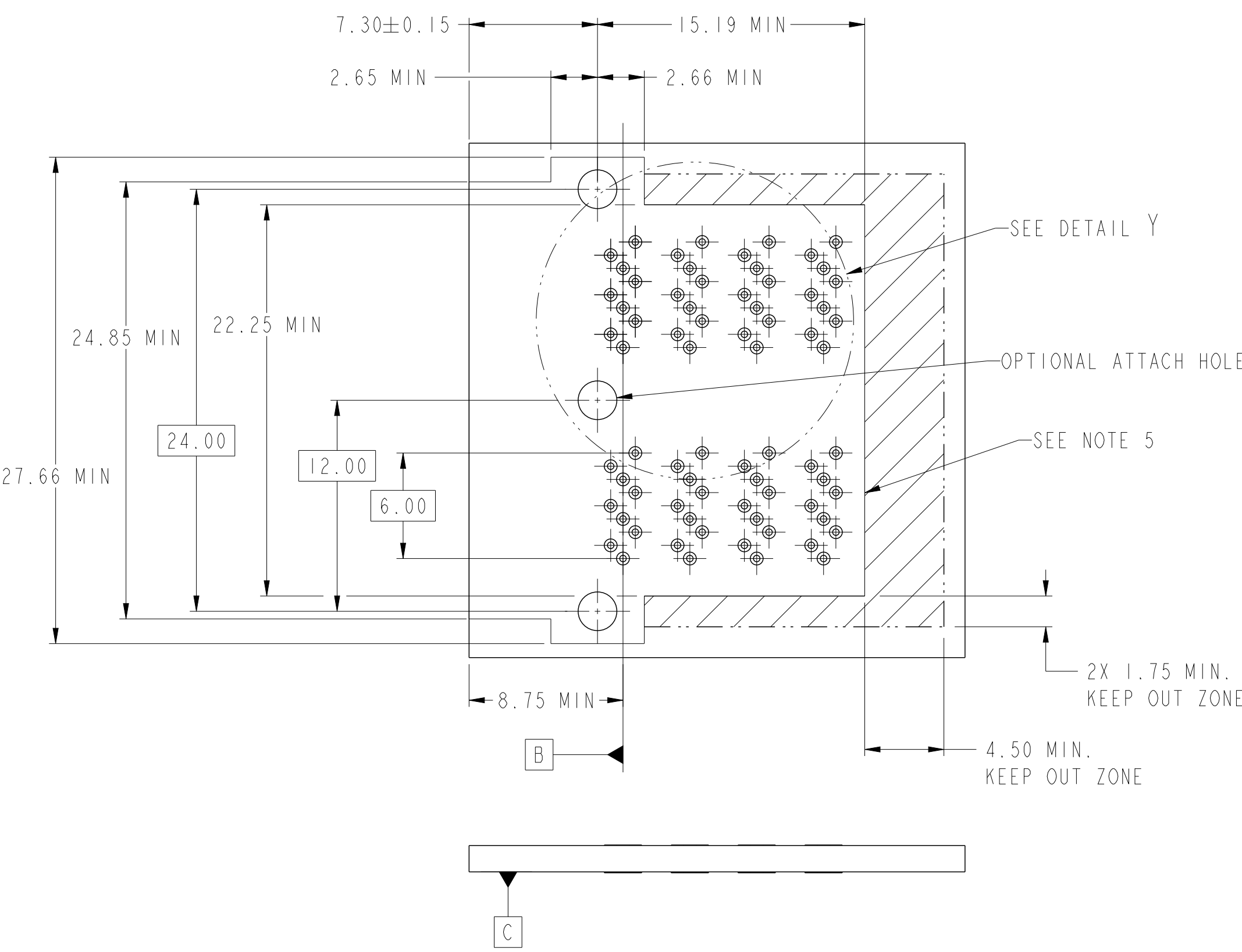
NOTES:

- 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 ASME Y14.5		eng Jackbin Zou	2015/12/09	chr Zhen Luo		2015/12/22	ecn no ELX-DG-17937-1	
surface		appr Pei-Ming Zheng	2015/12/23	product family MINI-SAS HD		rel level Released		
linear		0.X ±0.25		0.XX ±0.15		0.XXX ±		
angular		0° ±1/2°						
title		IX2 INTERNAL ASSEMBLY		MINI-SAS HD		dwg no 10112633		rev C
cat. no.		-		Product - Customer Drw		sheet 1 of 4		

RECOMMENDED PC BOARD LAYOUT



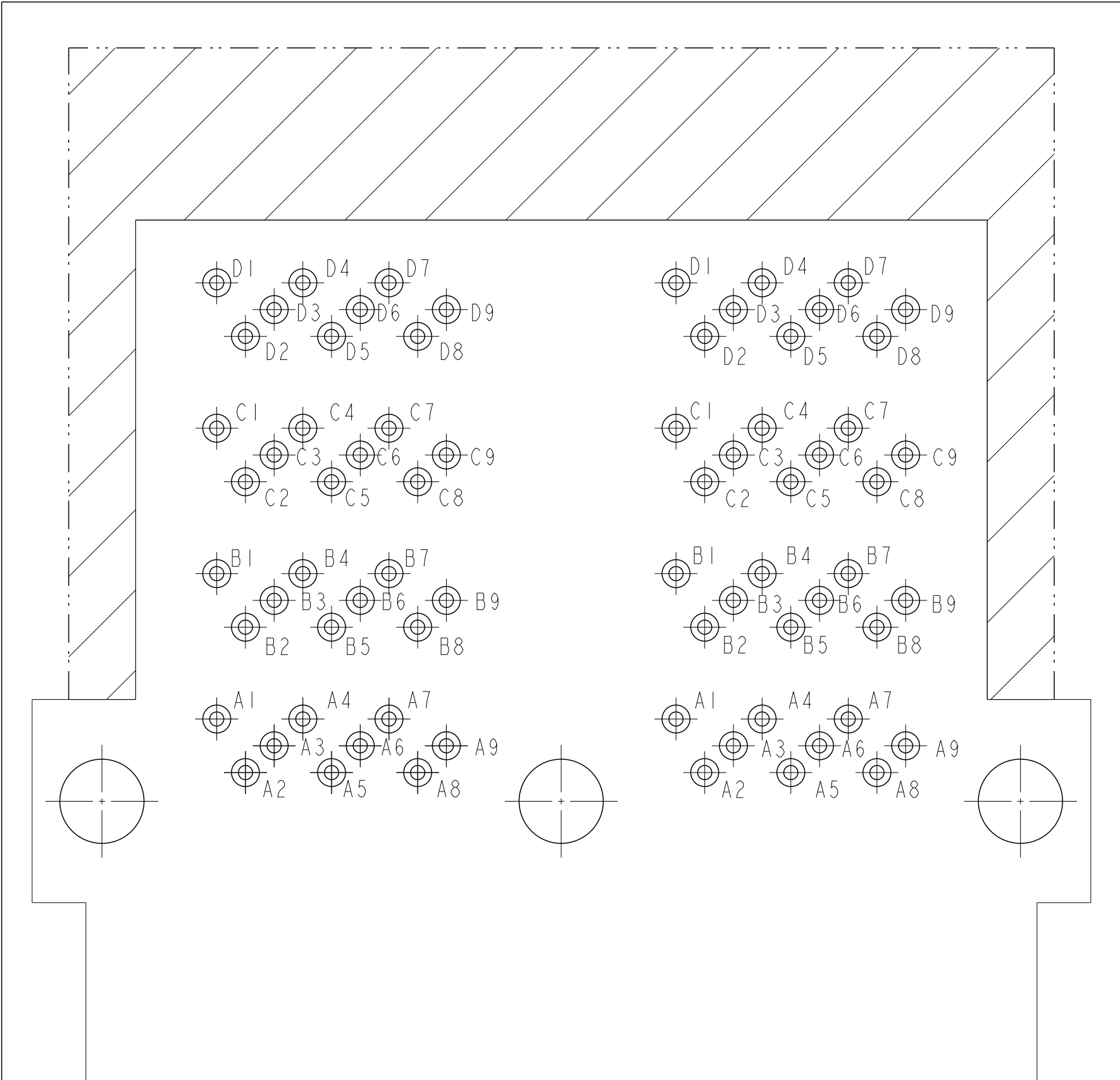
NOTES:

1. RECOMMENDED DRILL SIZE FOR A Ø0.37 FINISHED PTH IS Ø0.457 (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND Ø0.37 FINISHED PTH IS Ø0.73.
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	eng	Jackbin Zou	2015/12/09	chr	Zhen Luo	2015/12/22	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	0.XX	±0.15	0.XXX	±		
ASME Y14.5		angular	0°	±1/2°						
		FCI		title		IX2 INTERNAL ASSEMBLY		dwg no		10112633
		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4
		PDS: Rev :C		STATUS:Released		Printed: Dec 23, 2015				

PIN OUT DESIGNATIONS



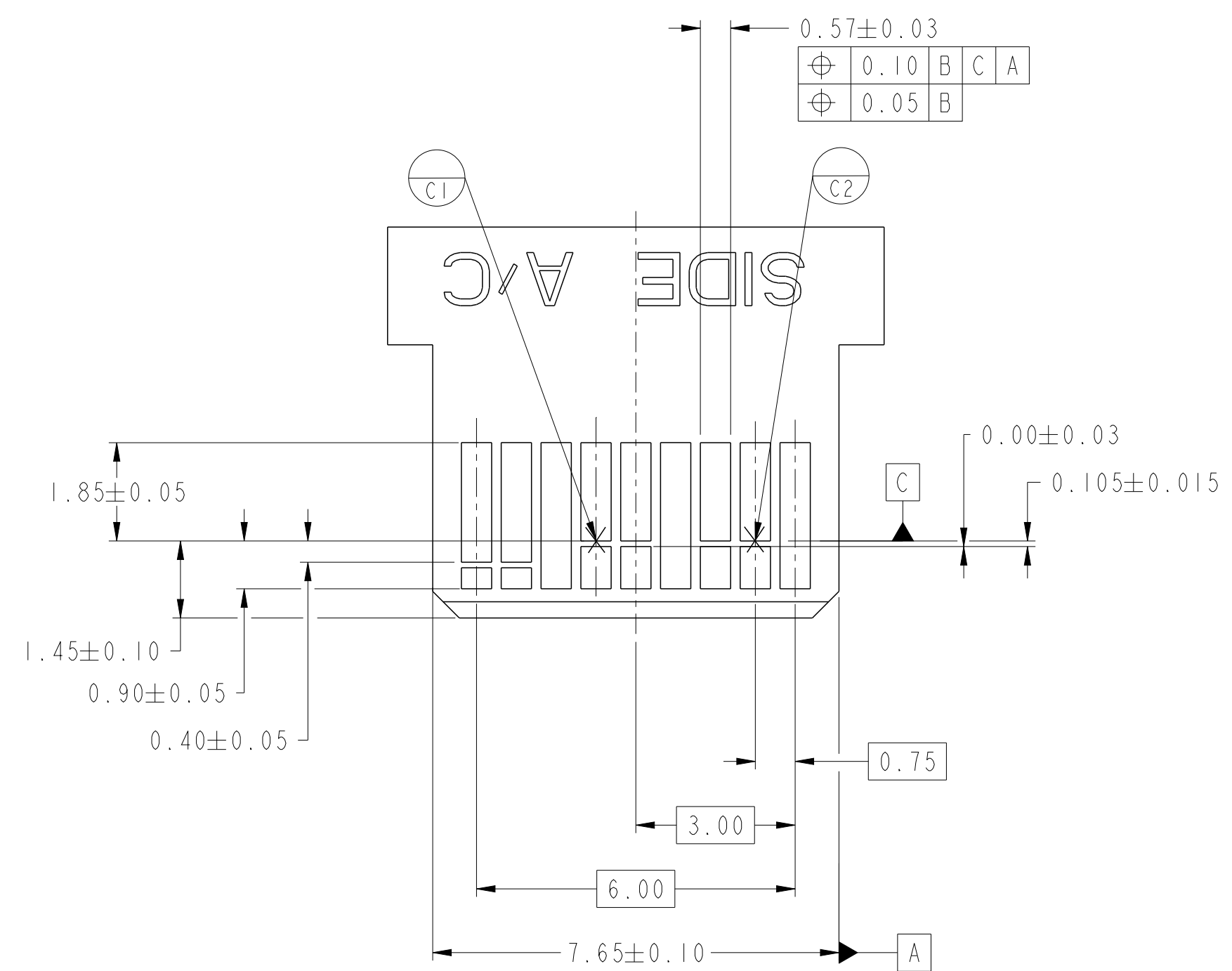
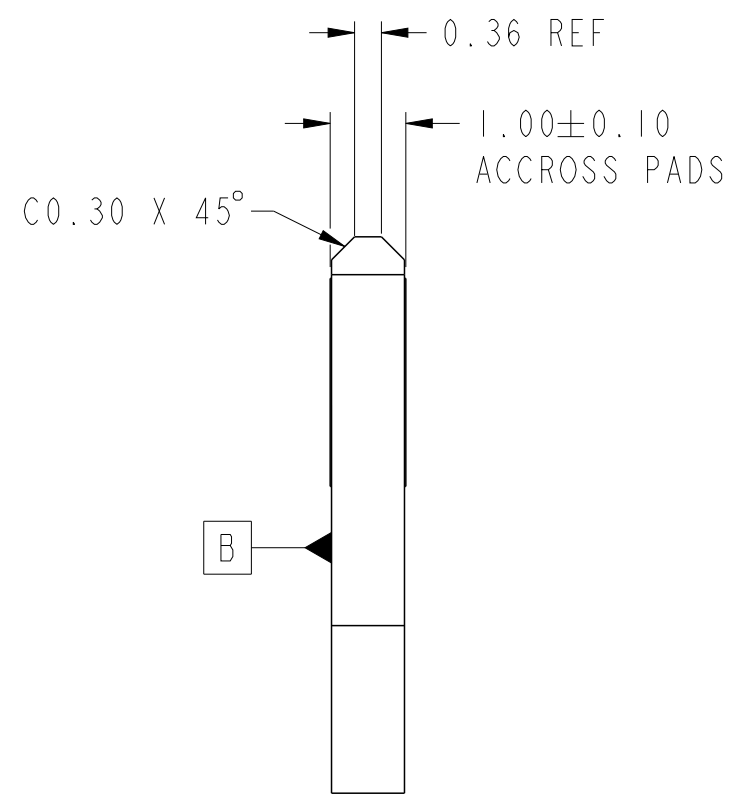
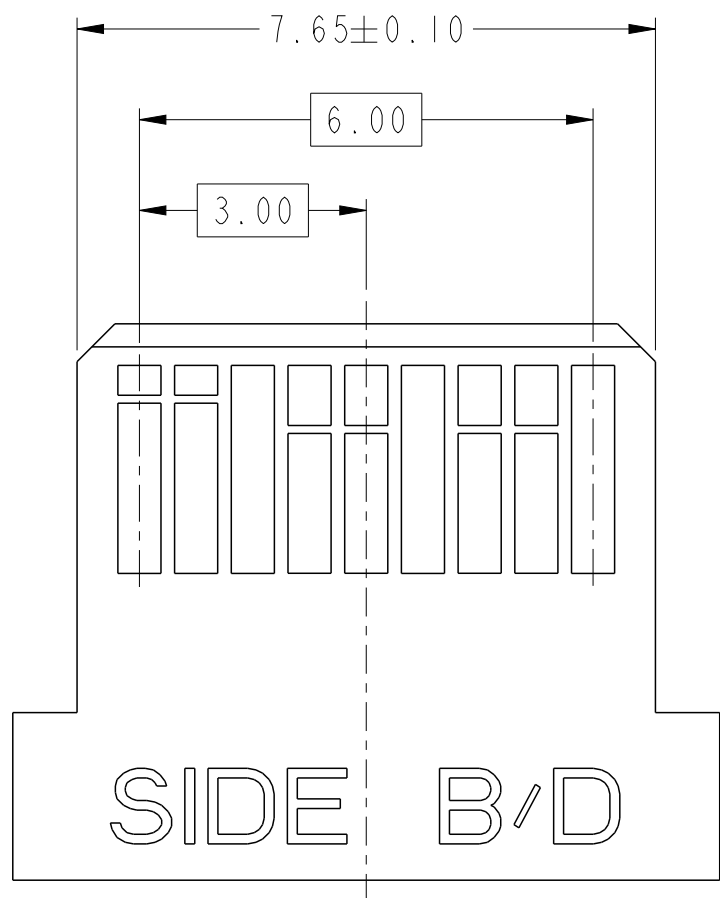
Copyright FCI.

spec ref -				dr Mark Gray		2010/08/04		projection		MM		size A2		scale 2:1	
tolerance std ASME Y14.5				eng Jackbin Zou		2015/12/09						ecn no ELX-DG-17937-1			
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		0.X ±0.25				title IX2 INTERNAL ASSEMBLY MINI-SAS HD		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 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-17937-1					
ASME Y14.5		chr				Zhen Luo		2015/12/22		rel level						Released							
				appr		Pei-Ming Zheng		2015/12/23		product family		MINI-SAS HD		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 4 of 4					