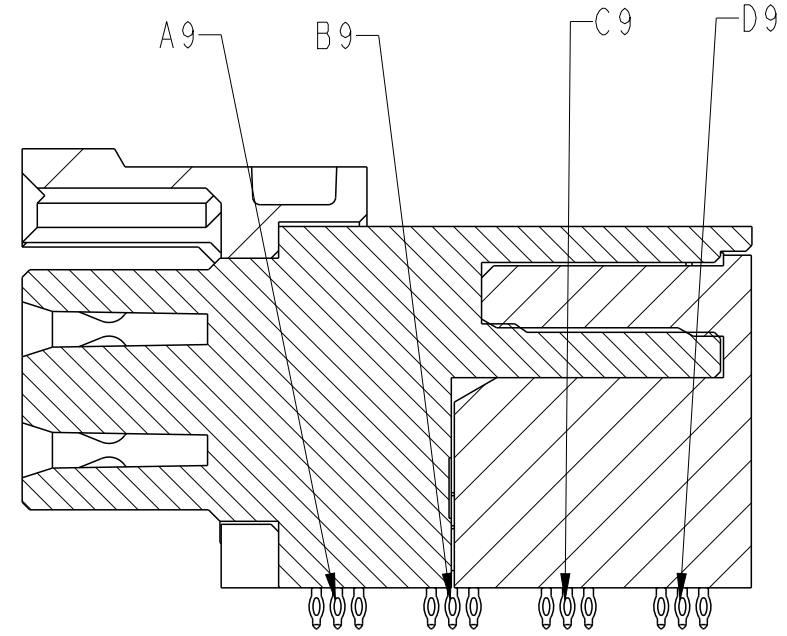
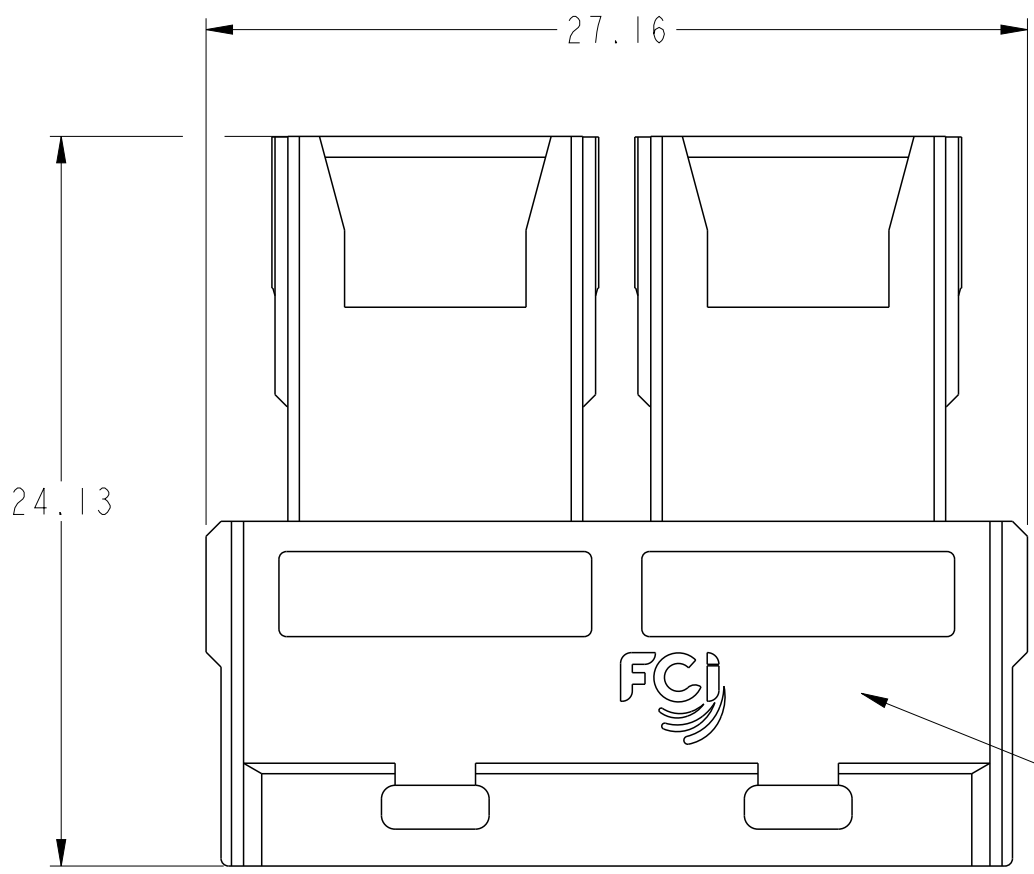
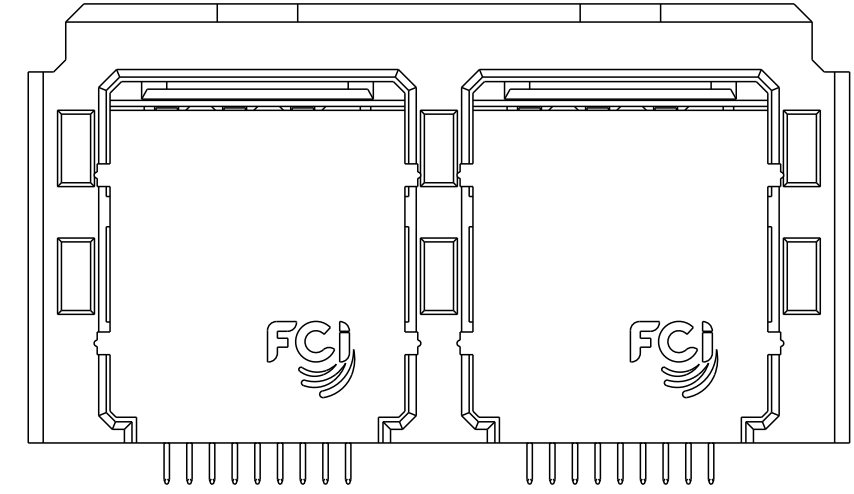
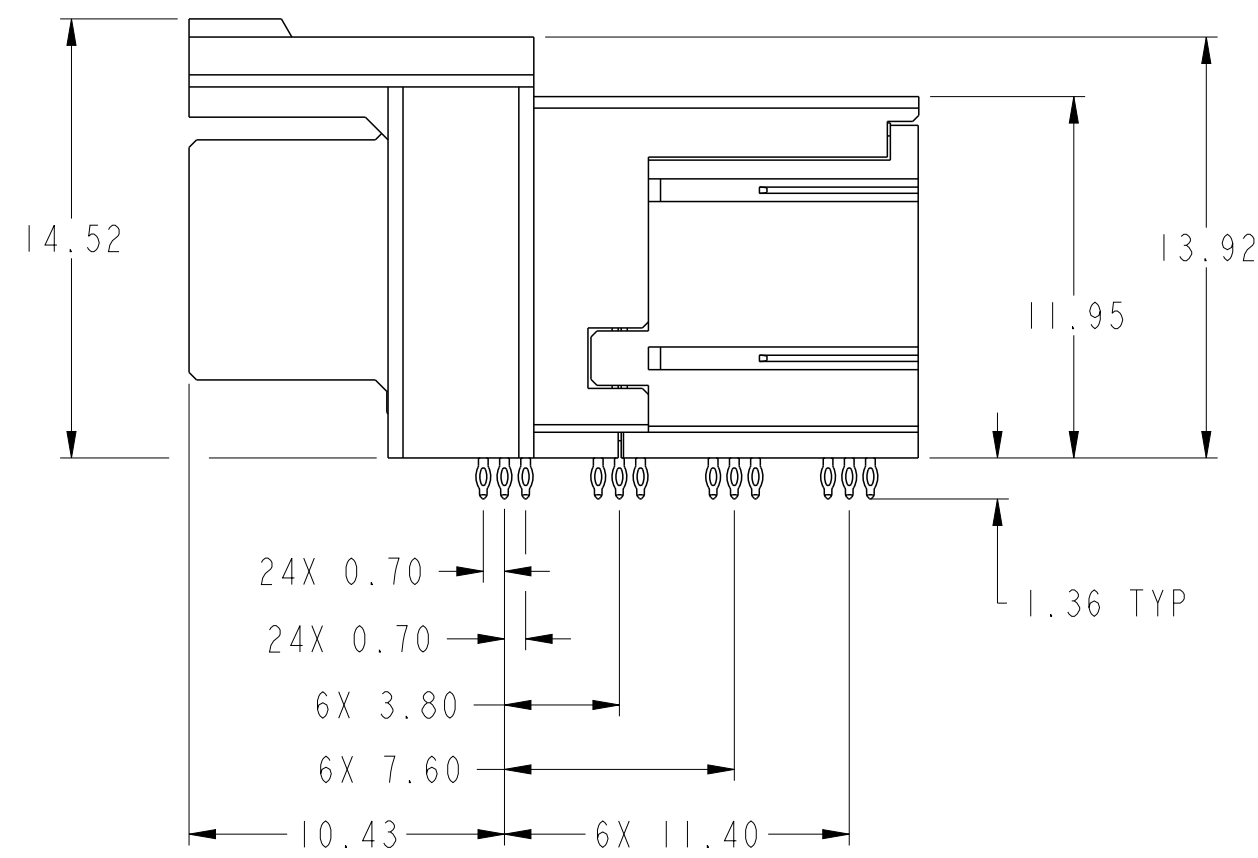
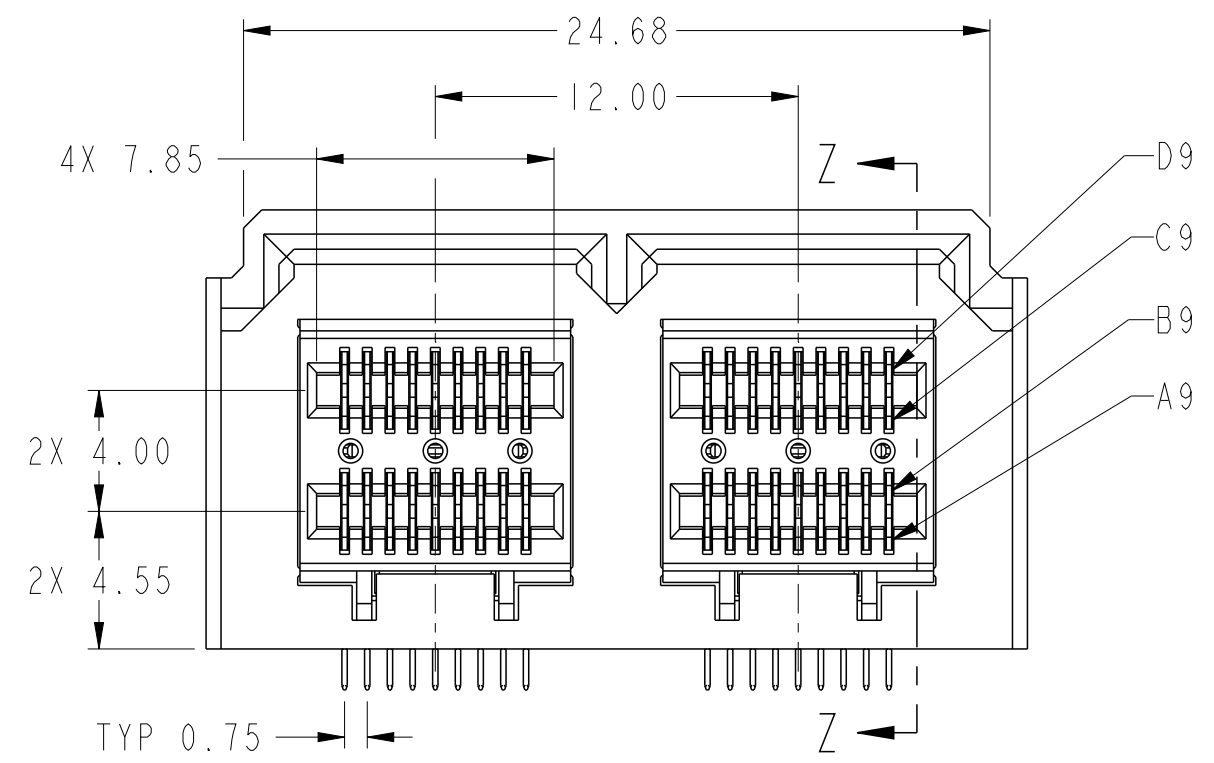
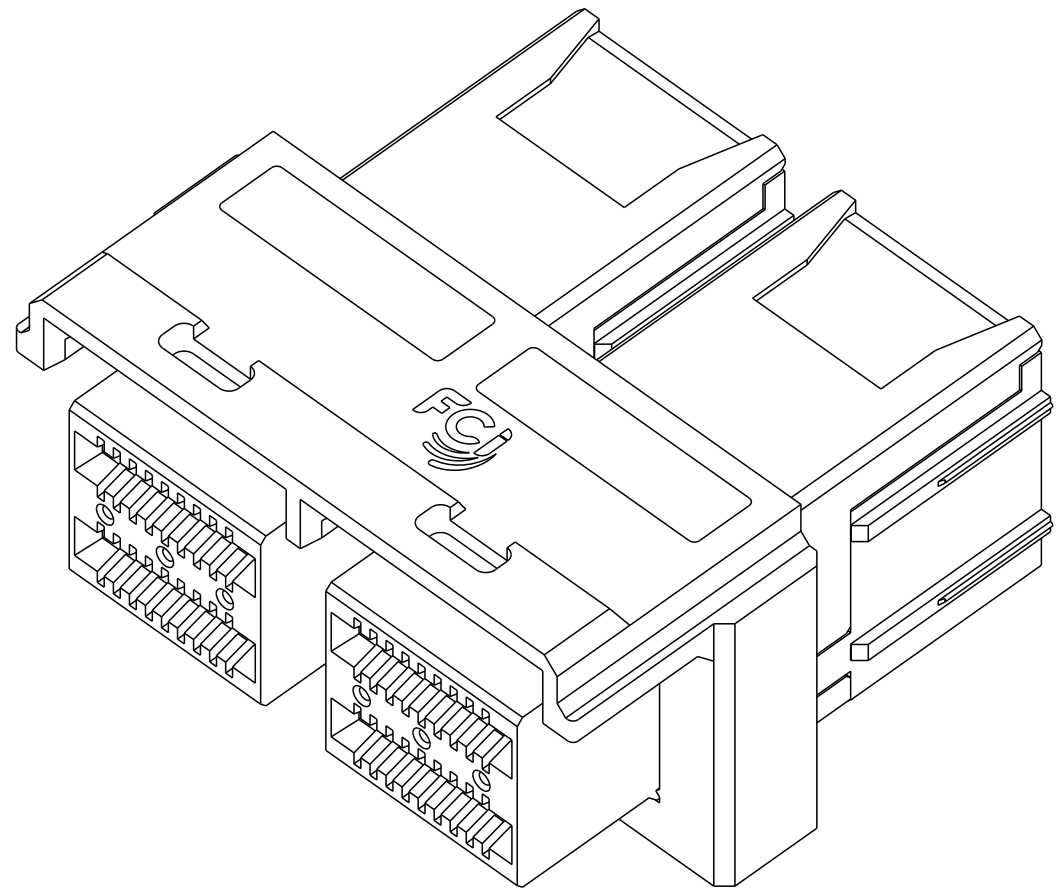


PRODUCT NUMBER	HSG&FRAME COLOR
I0130812-I01LF	BLACK



SECTION Z-Z



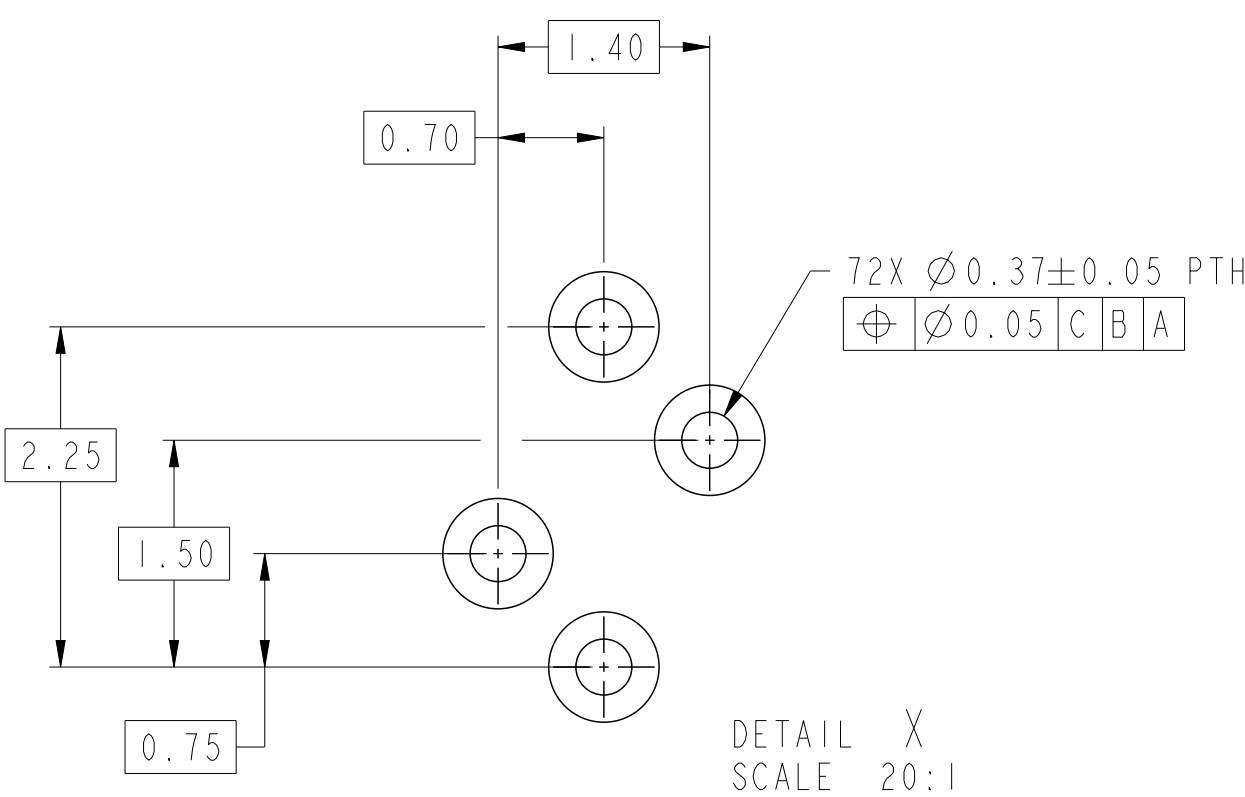
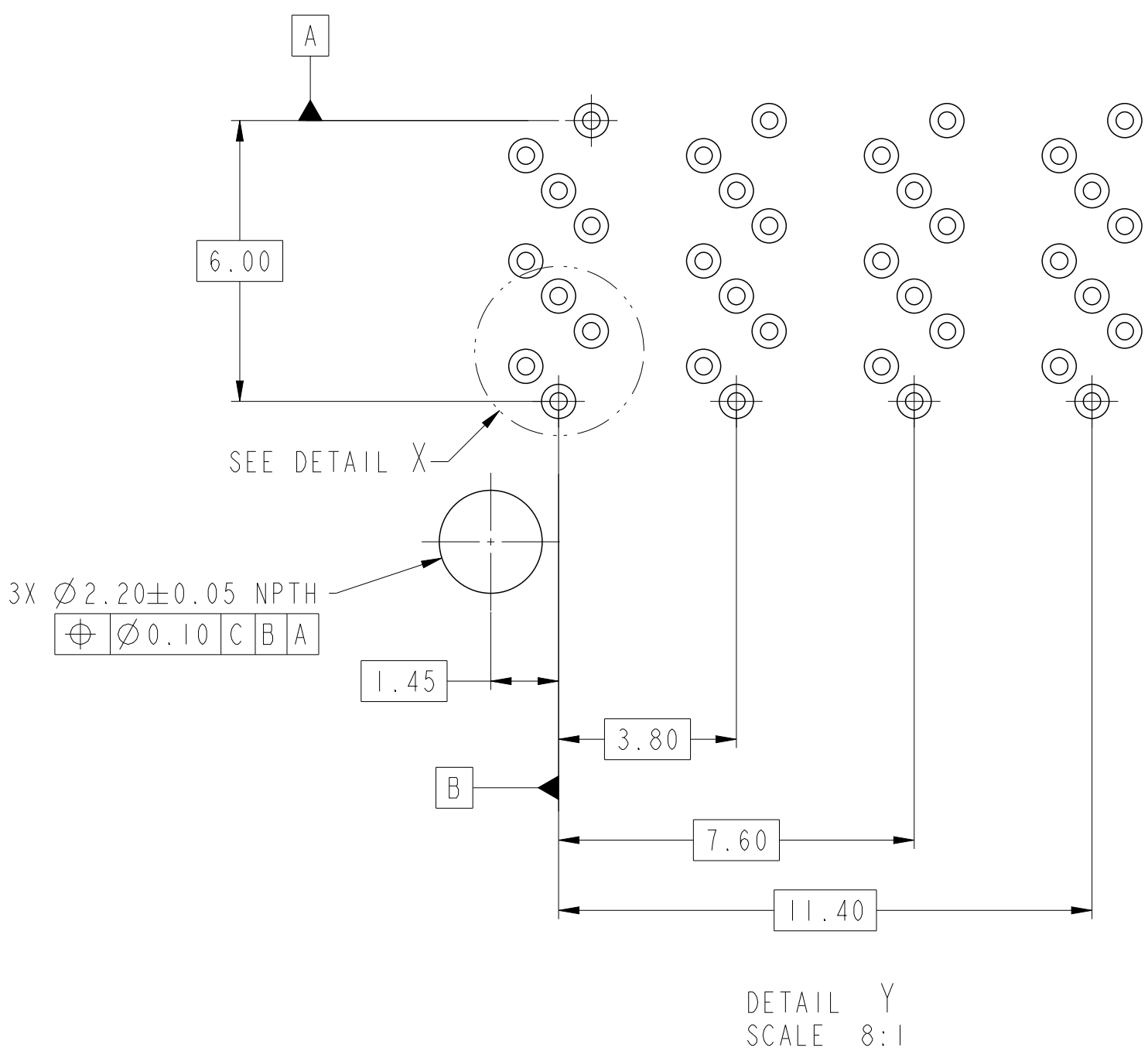
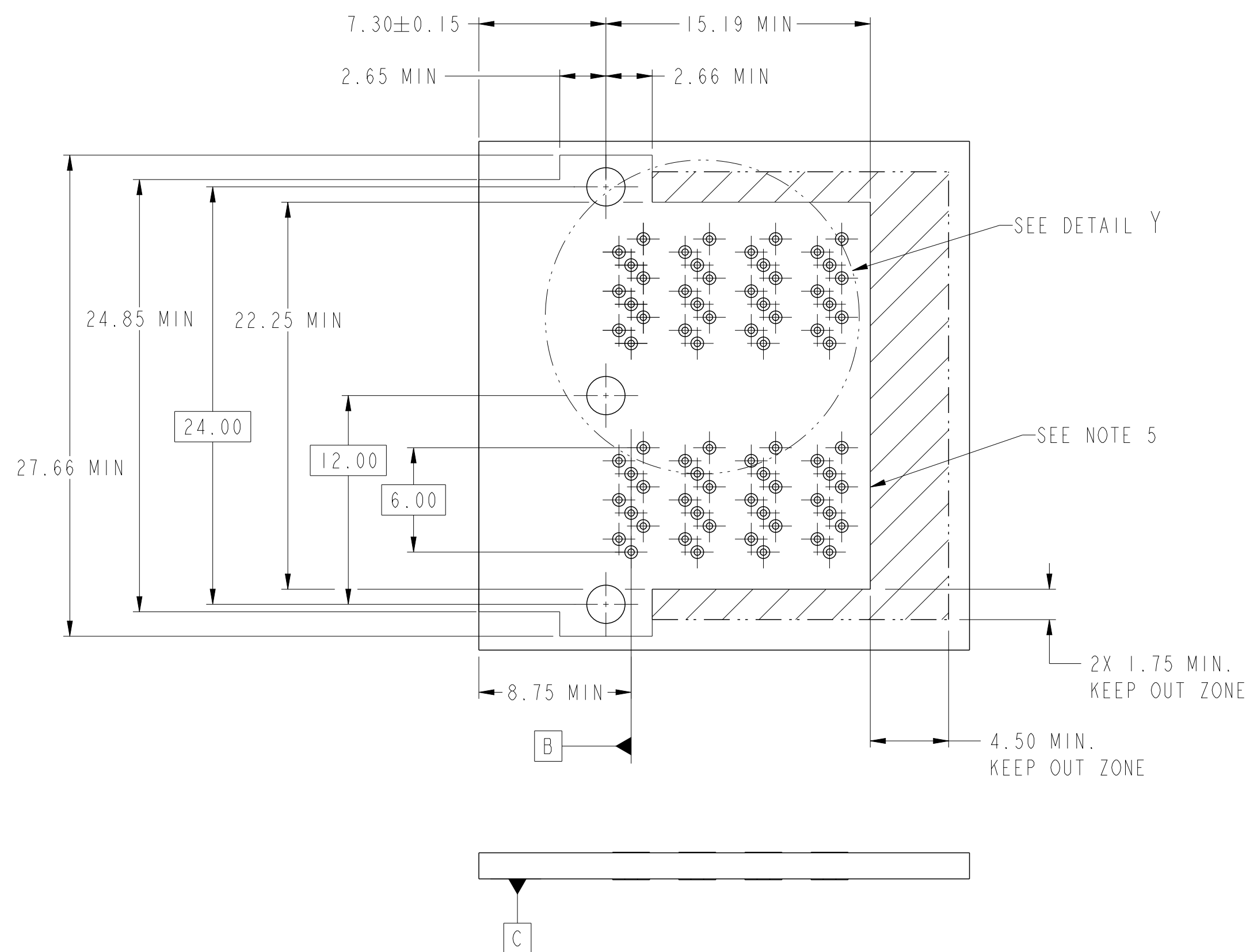
- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
 - FINISHES:
CONTACT AREA: 0.76μm GOLD OVER 2.54μm NICKEL
CONTACT TAIL AREA: 0.76μm - 1.52μm TIN OVER 2.54μm NICKEL.
 - PRODUCT SPECIFICATION: GS-12-650.
APPLICATION SPECIFICATION: GS-20-0356
 - RECOMMENDED MOUNTING HARDWARE:
OPTION 1: M2 X 0.40mm SELF-THREADING SCREW
OPTION 2: M2 X 0.80mm SELF-THREADING SCREW
OPTION 3: M2 X 0.91mm SELF-THREADING SCREW
RECOMMENDED MOUNTING SCREW LENGTH: PCB THICKNESS + 2.5±0.35mm.
 - 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:	
I0119217 SERIES (4i)	
I0119312 SERIES (4i)	
I0120086 SERIES (4i)	
I0120087 SERIES (4i)	
I0119576 SERIES (8i)	
I0119577 SERIES (8i)	
I0120088 SERIES (8i)	
I0120089 SERIES (8i)	

spec ref -		dr Jackbin Zou		2014/07/07		projection 	MM 	size A2	scale 4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Jackbin Zou		2014/12/18				ecn no -	rel level Released	
ASME Y14.5		chr -		-				product family MINI-SAS HD		
-		appr Collins Lu		2014/12/18						
surface 	linear	0.X	±0.35		title IX2 INTERNAL ASSEMBLY	dwg no I0130812		rev A		
		0.XX	±0.25							
	0.XXX	±								
ASME Y14.5	angular	0°	±2°							www.fci.com

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RECOMMENDED PC BOARD LAYOUT



NOTES:

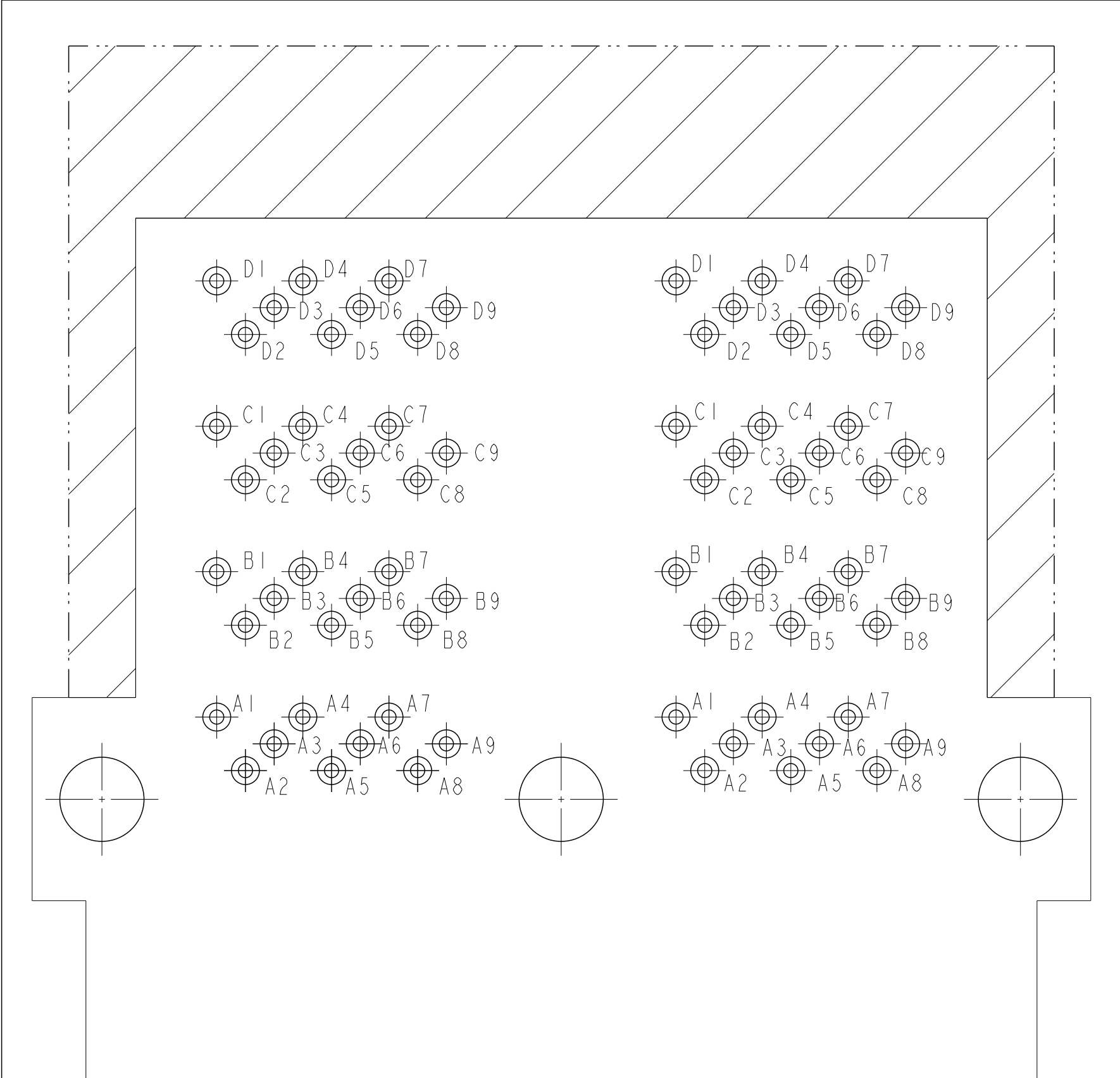
1. RECOMMENDED DRILL SIZE FOR A $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$ (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
3. MINIMUM RECOMMENDED SPACING : 14.00 mm .
4. MINIMUM PCB THICKNESS : 1.57 mm .
5. CONNECTOR KEEP OUT AREA.

spec ref	-	dr	Jackbin Zou	2014/07/07	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	Jackbin Zou	2014/12/18	chr	-	ecn no	-		
		appr	Collins Lu	2014/12/18	product family	MINI-SAS HD	rel level	Released		
surface	✓	linear	0.X	± 0.35	FCI www.fci.com		title IX2 INTERNAL ASSEMBLY MINI-SAS HD		cat. no.	
			0.XX	± 0.25						
			0.XXX	$\pm$						
ASME Y14.5	angular		0°	$\pm 2^\circ$						
					Product - Customer Drw		sheet 2 of 4			

PDS: Rev :A

STATUS:Released

Printed: Dec 19, 2014

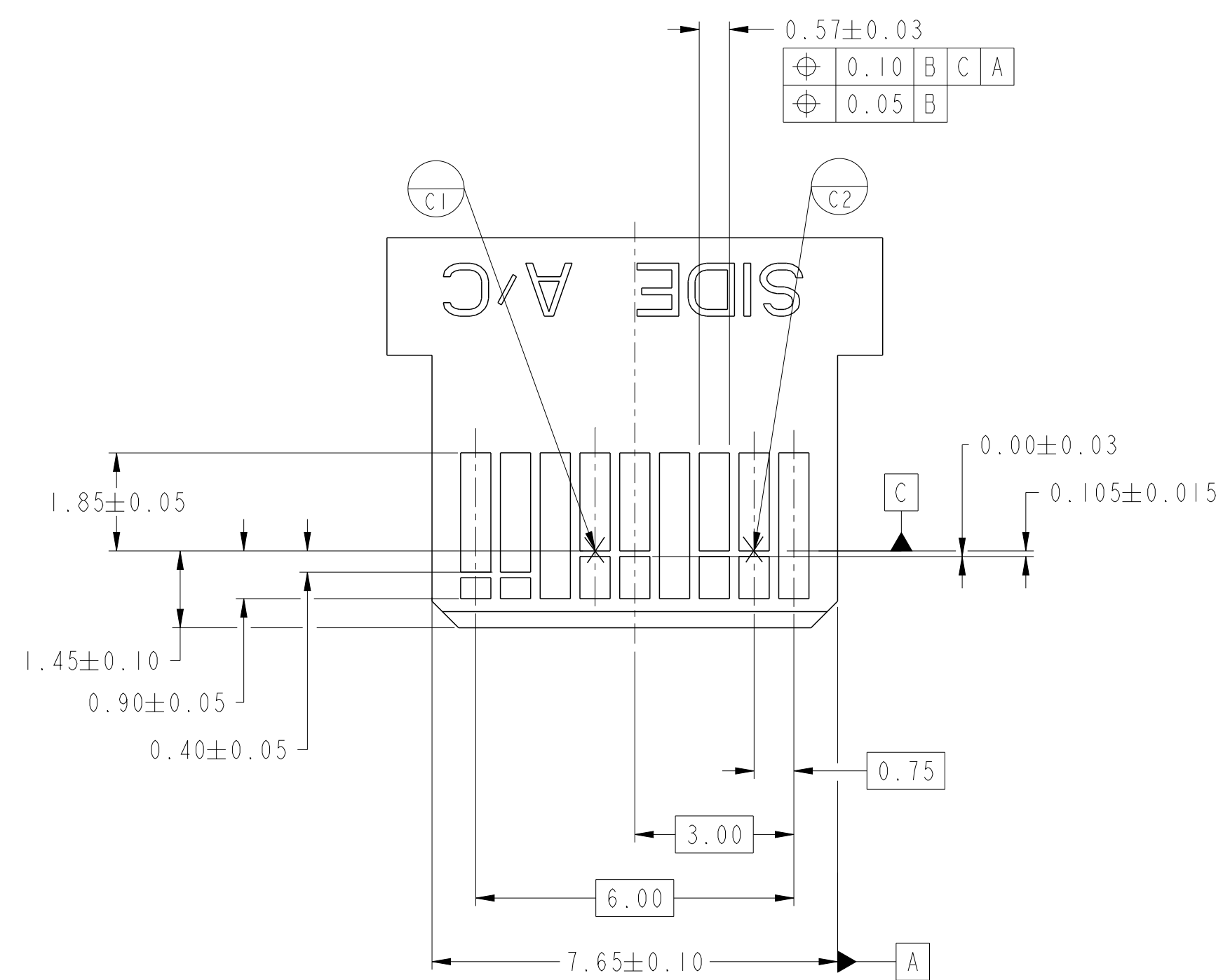
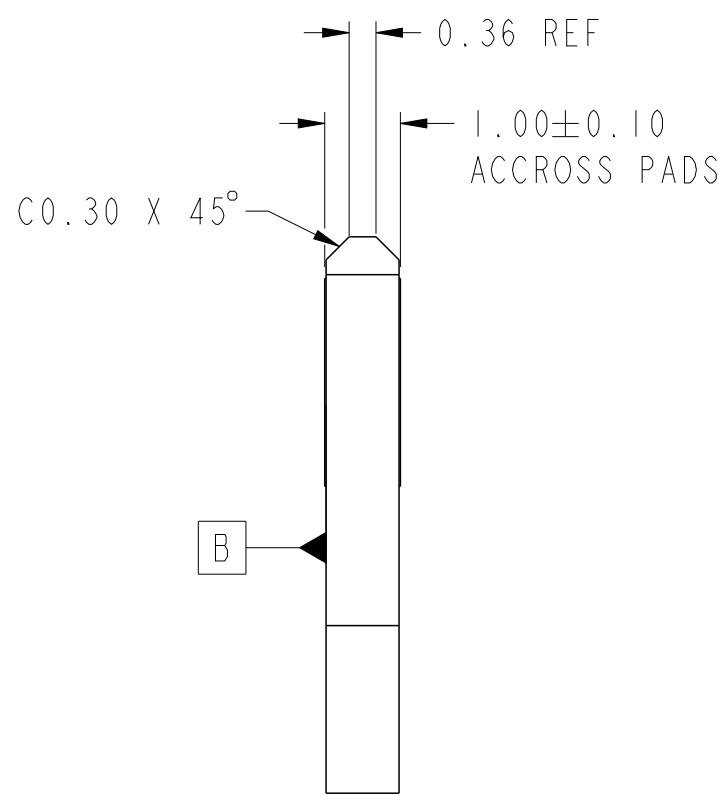
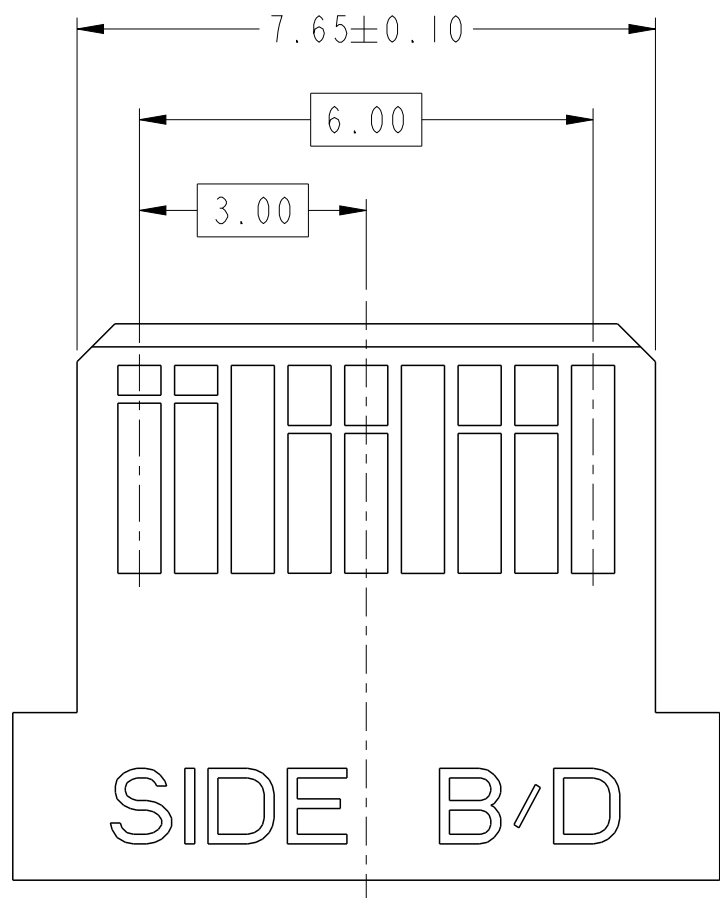


PIN OUT DESIGNATIONS



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spec ref -			dr Jackbin Zou		2014/07/07		projection		MM		size A2		scale 2:1	
tolerance std			eng Jackbin Zou		2014/12/18						ecn no -		rel level	
ASME Y14.5			chr -		-		-		-		-		Released	
-			appr Collins Lu		2014/12/18		product family		MINI-SAS HD		-		-	
surface			linear		0.X		±0.35		FCI		IX2 INTERNAL ASSEMBLY		dwg no	
✓					0.XX		±0.25				MINI-SAS HD		10130812	
ASME Y14.5			angular		0°		±2°		www.fci.com		cat. no.		-	
											Product - Customer Drw		sheet 3 of 4	
													A	



NOTES:

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

spec ref	-	dr	Jackbin Zou	2014/07/07	projection	MM	size	A2	scale	2:1
tolerance std	ASME Y14.5	eng	Jackbin Zou	2014/12/18	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Collins Lu	2014/12/18	product family	MINI-SAS HD	cat. no.	10130812	rev	A
ASME Y14.5	linear	angular	0°	±2°	www.fci.com	Product - Customer Drw	sheet 4 of 4			

