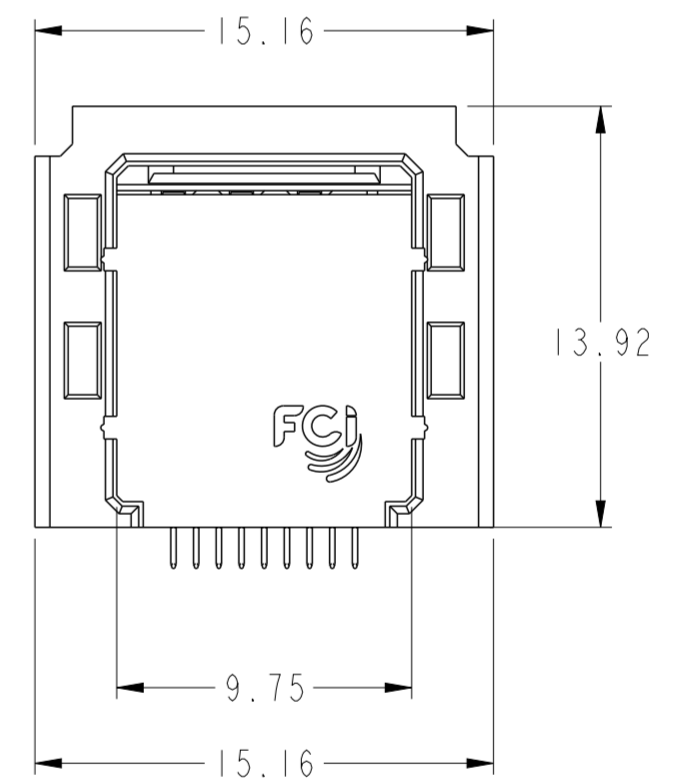
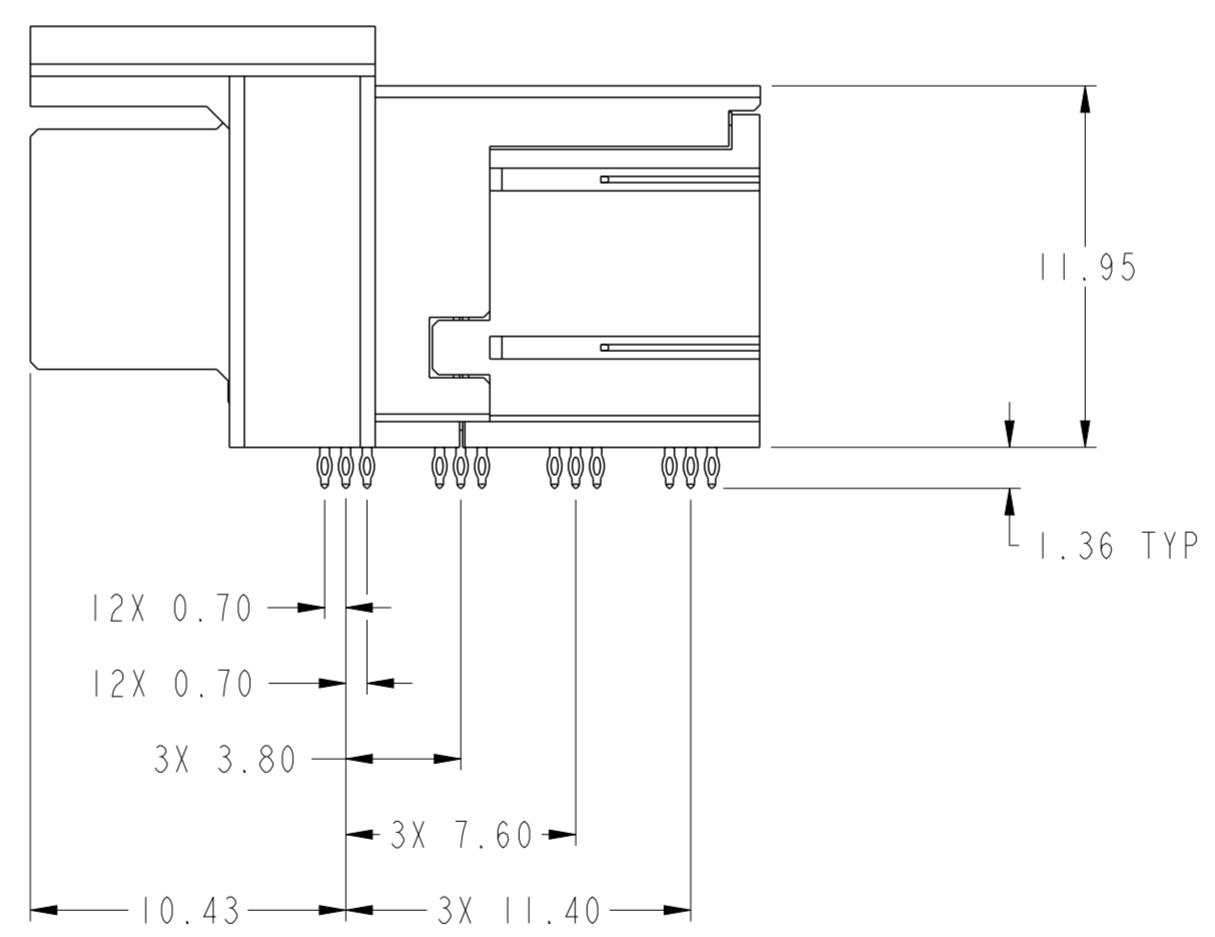
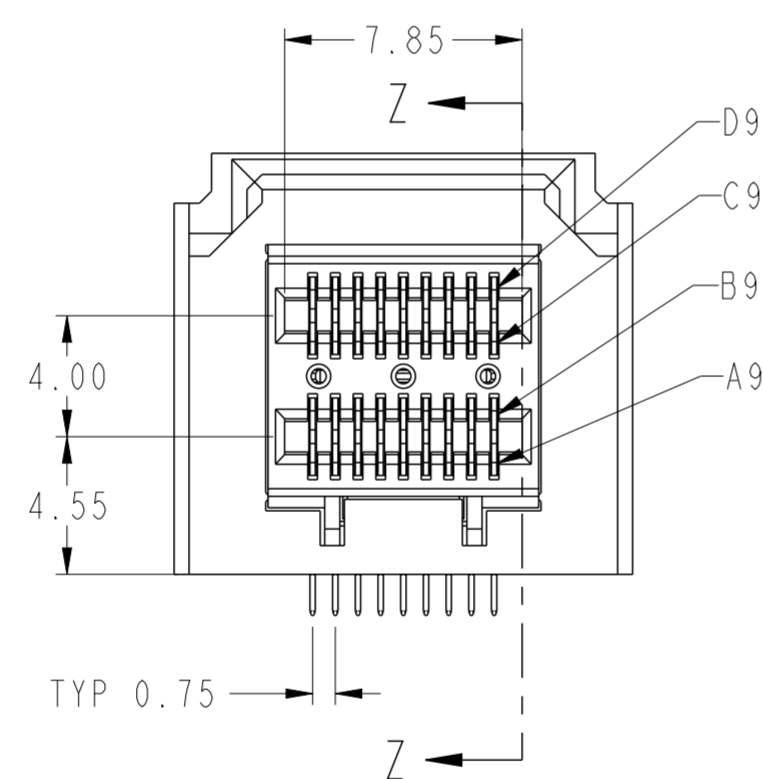
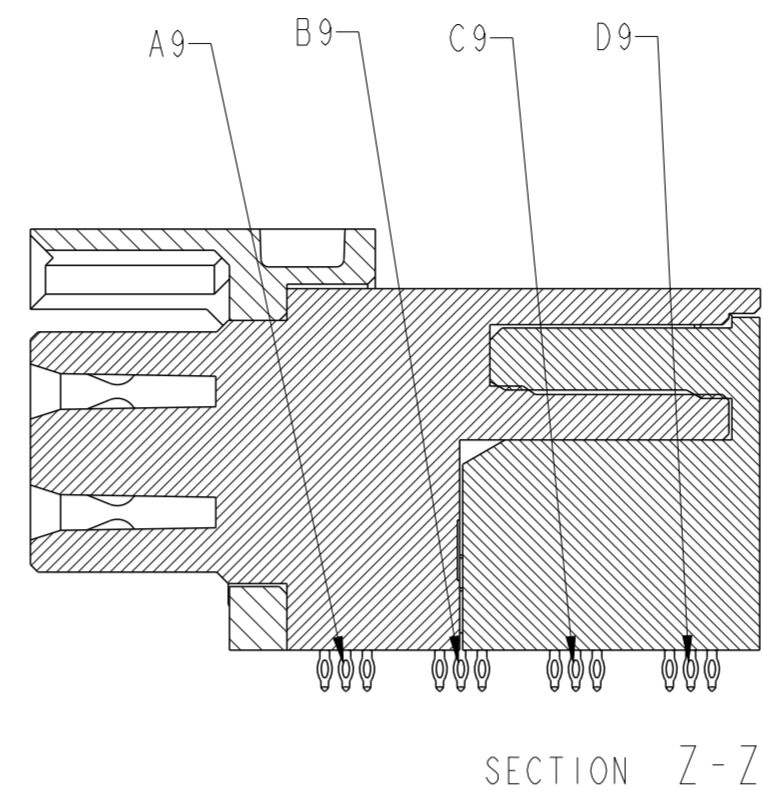
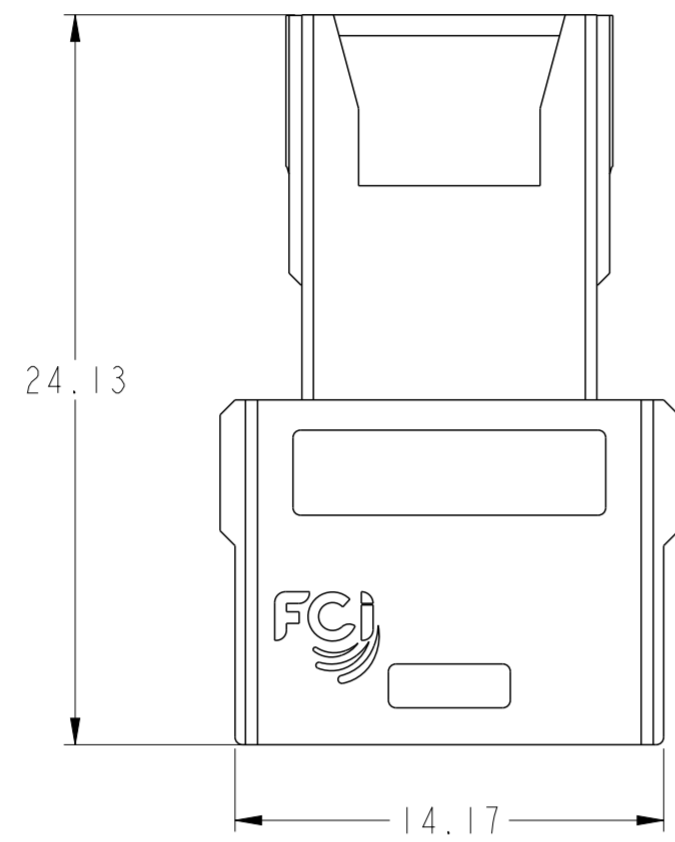


PRODUCT NUMBER	PLATING OPT.	HSG FRAME COLOR
10112632-101	OPTION 1	BLACK
10112632-101LF	OPTION 2	BLACK
10112632-121	OPTION 1	NATURAL
10112632-121LF	OPTION 2	NATURAL



NOTES:

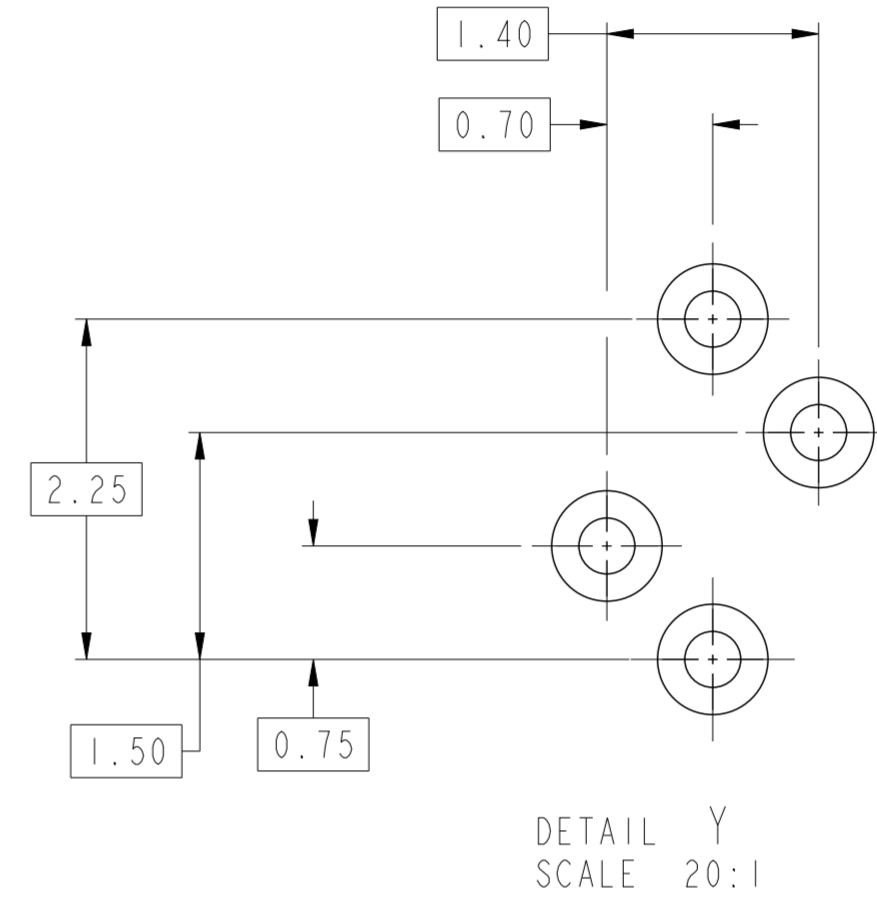
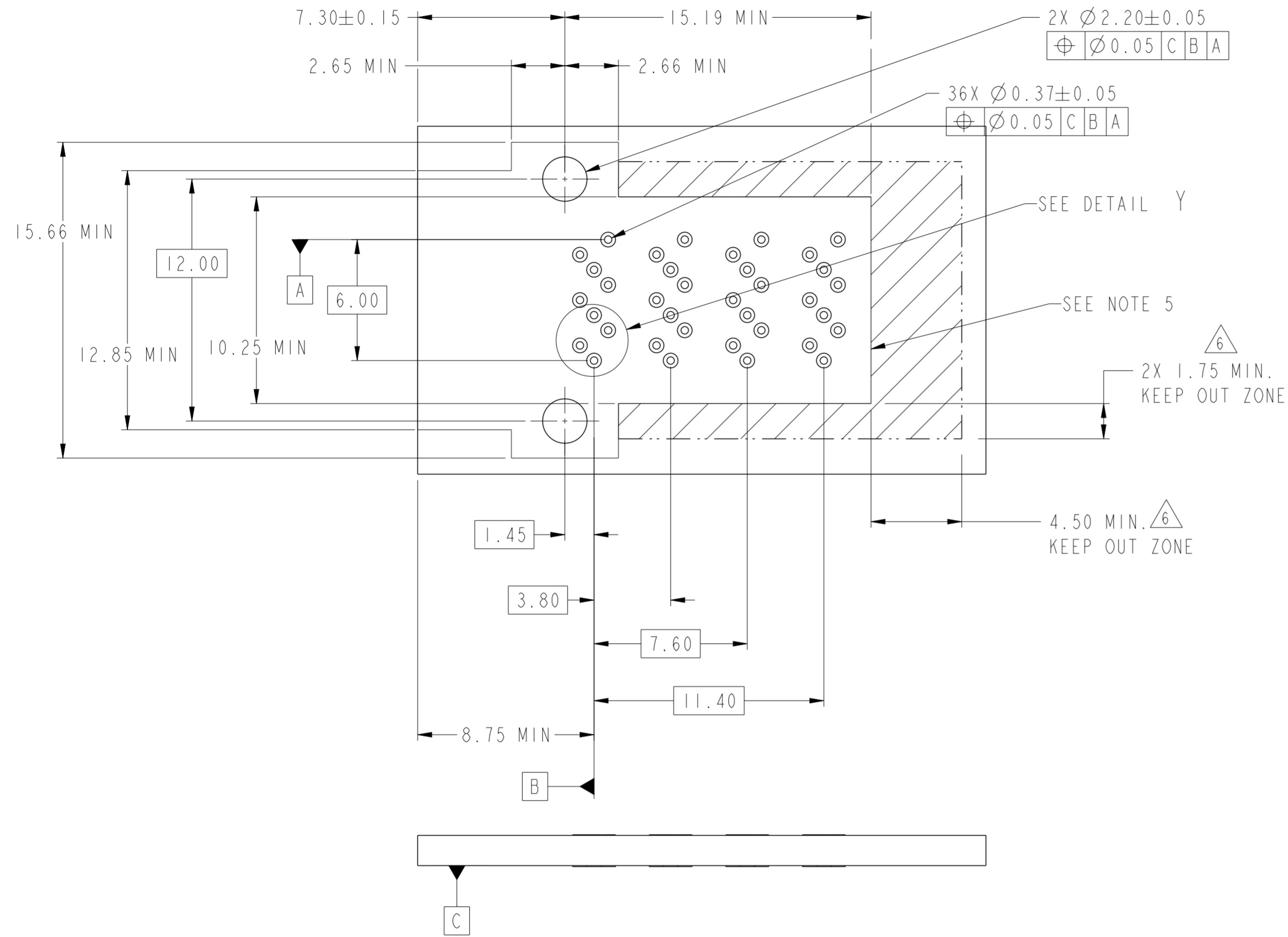
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
- FINISHES:
CONTACT AREA: 0.76µm GOLD OVER 2.54µm MIN NICKEL
TAIL AREA:
OPTION 1: 0.76µm - 1.52µm TIN/LEAD (90/10) OVER 2.54µm MIN NICKEL.
OPTION 2: 0.76µm - 1.52µm TIN (LEAD FREE) OVER 2.54µm MIN NICKEL.
- PRODUCT SPECIFICATION: GS-12-650.
APPLICATION SPECIFICATION: GS-20-0356
- MOUNTING HARDWARE: M2 X 0.4 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + 2.5mm MAX.
- 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)

spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/13	chr	-	ecn no	ELX-DG-17441-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/04/14	product family	MINI-SAS HD	cat. no.	10112632	rev	B
ASME Y14.5	linear	0.X	±0.25	angular	0°	±1/2°	www.fci.com	Product - Customer Drw	sheet 1 of 4	

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RECOMMENDED BOARD LAYOUT



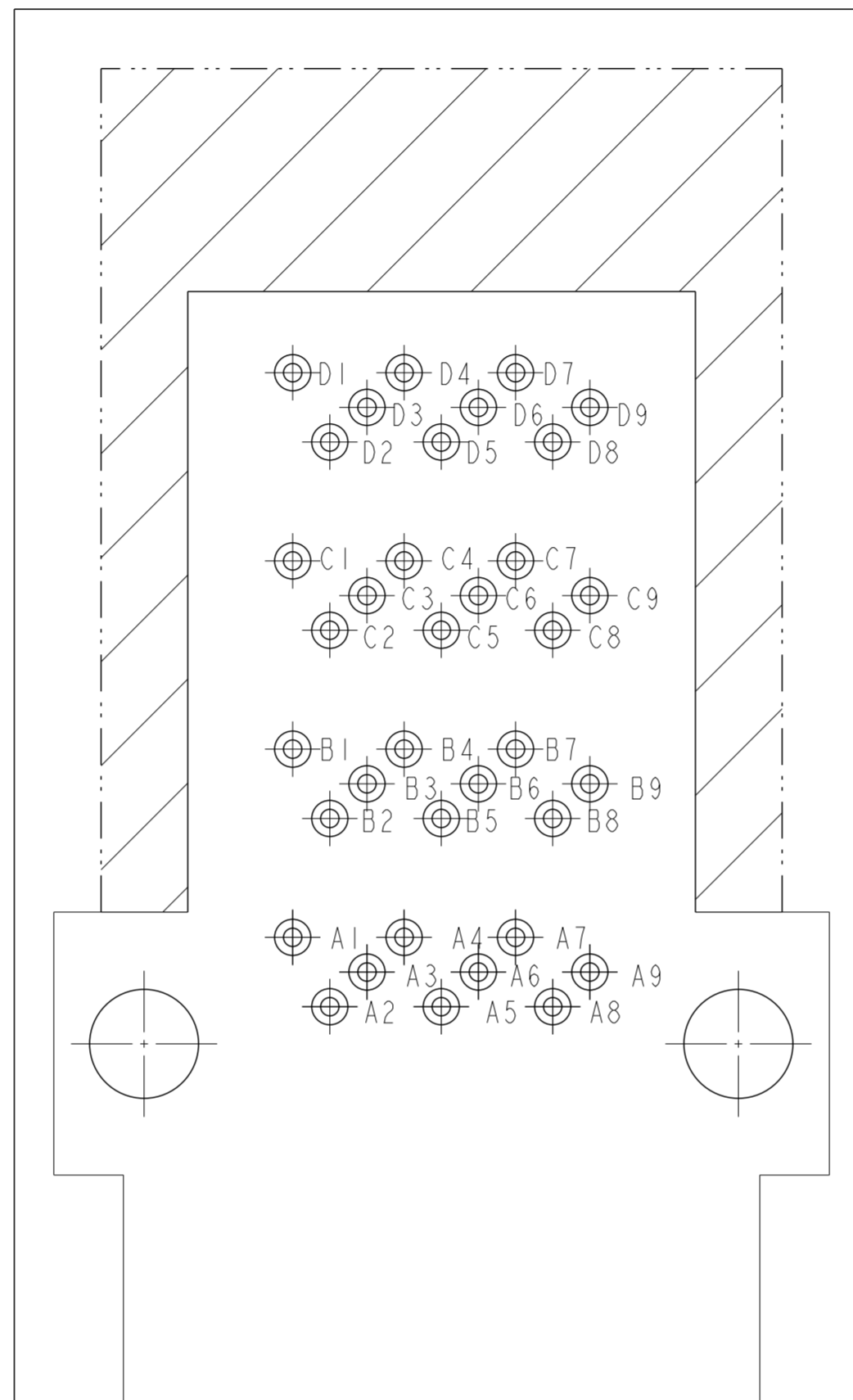
NOTES:

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	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/13	chr	-	ecn no	ELX-DG-17441-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/04/14	product family	MINI-SAS HD	cat. no.	10112632	rev	B
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±	angular	0°	±1/2°



PIN OUT DESIGNATIONS



spec ref	-	dr	Mark Gray	2010/08/04	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/13			ecn no	ELX-DG-17441-1		
		chr	-	rel level				Released		
		appr	Pai-Ming Zheng	2014/04/14	product family	MINI-SAS HD	rel level	Released		
surface	✓	linear	0.X	±0.25		title IXI INTERNAL ASSEMBLY MINI-SAS HD	dwg no 10112632	rev B		
			0.XX	±0.13						
			0.XXX	±						
ASME Y14.5		angular	0°	±1/2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 3 of 4	

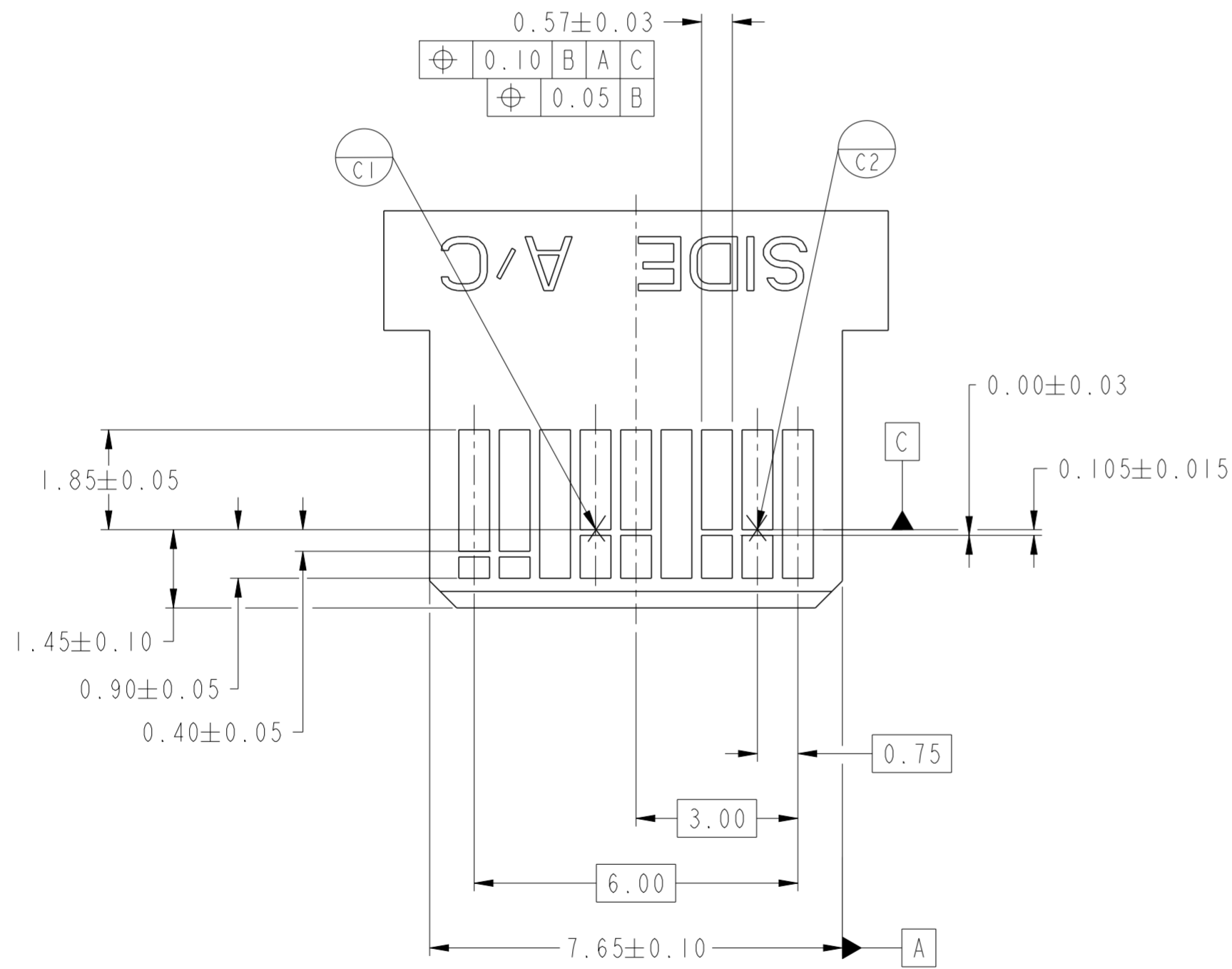
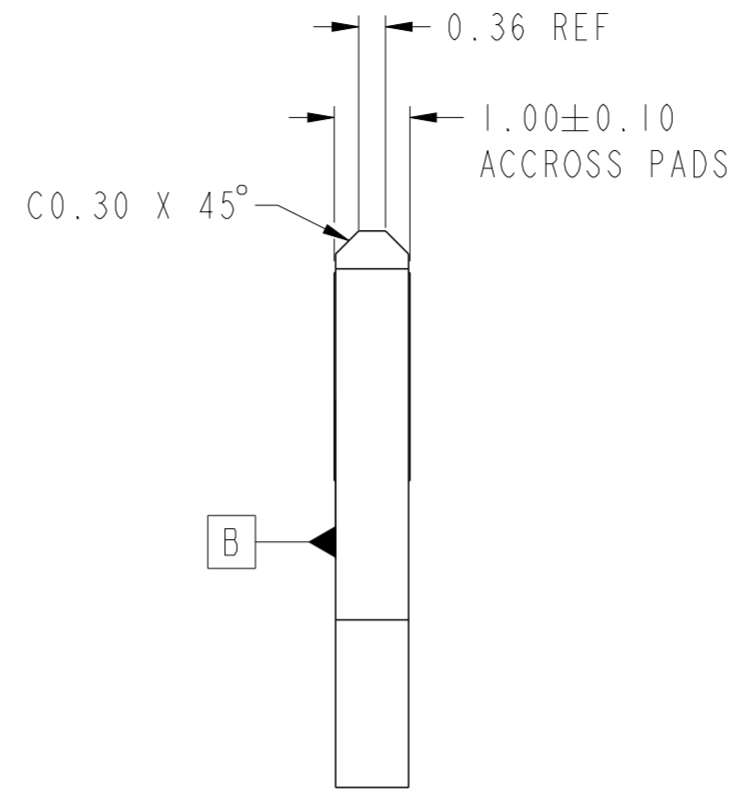
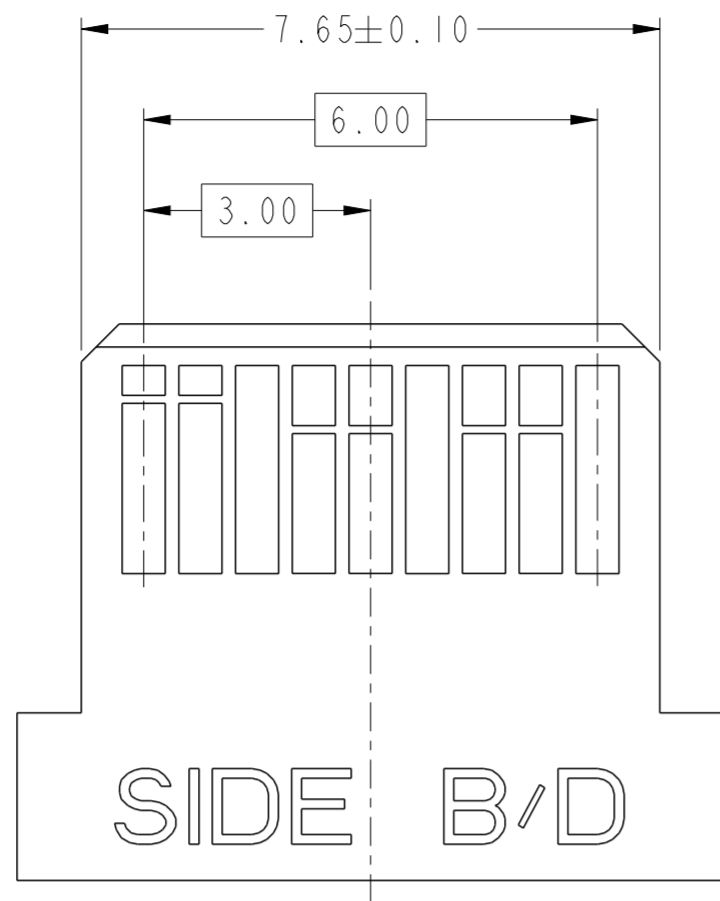
PDS: Rev :B

STATUS:Released

Printed: Apr 14, 2014



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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	Mark Gray	2010/08/04	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Andy Lu	2014/04/13			ecn no	ELX-DG-17441-1		
		chr	-	rel level				Released		
		appr	Pei-Ming Zheng	2014/04/14	product family	MINI-SAS HD	rel level	Released		
surface	✓	linear	0.X	±0.25		title IXI INTERNAL ASSEMBLY MINI-SAS HD	dwg no 10112632	rev B		
			0.XX	±0.13						
			0.XXX	±						
ASME Y14.5	angular	0°	±1/2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4		