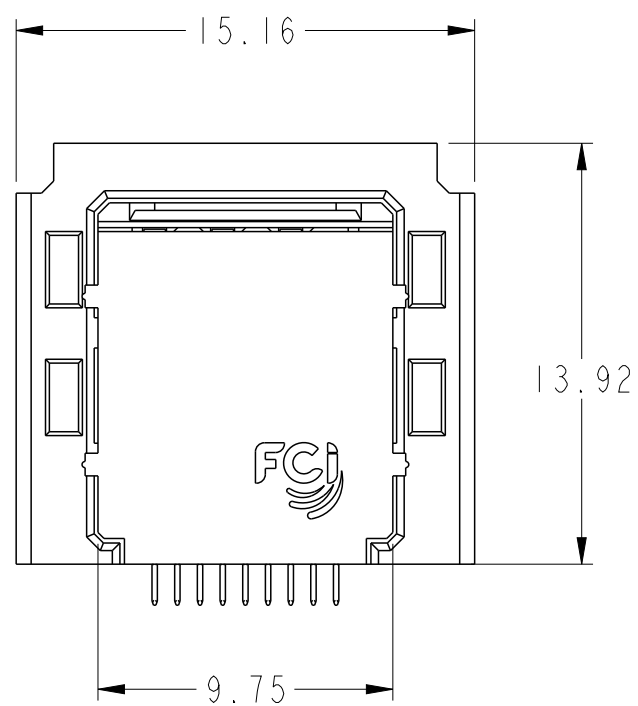
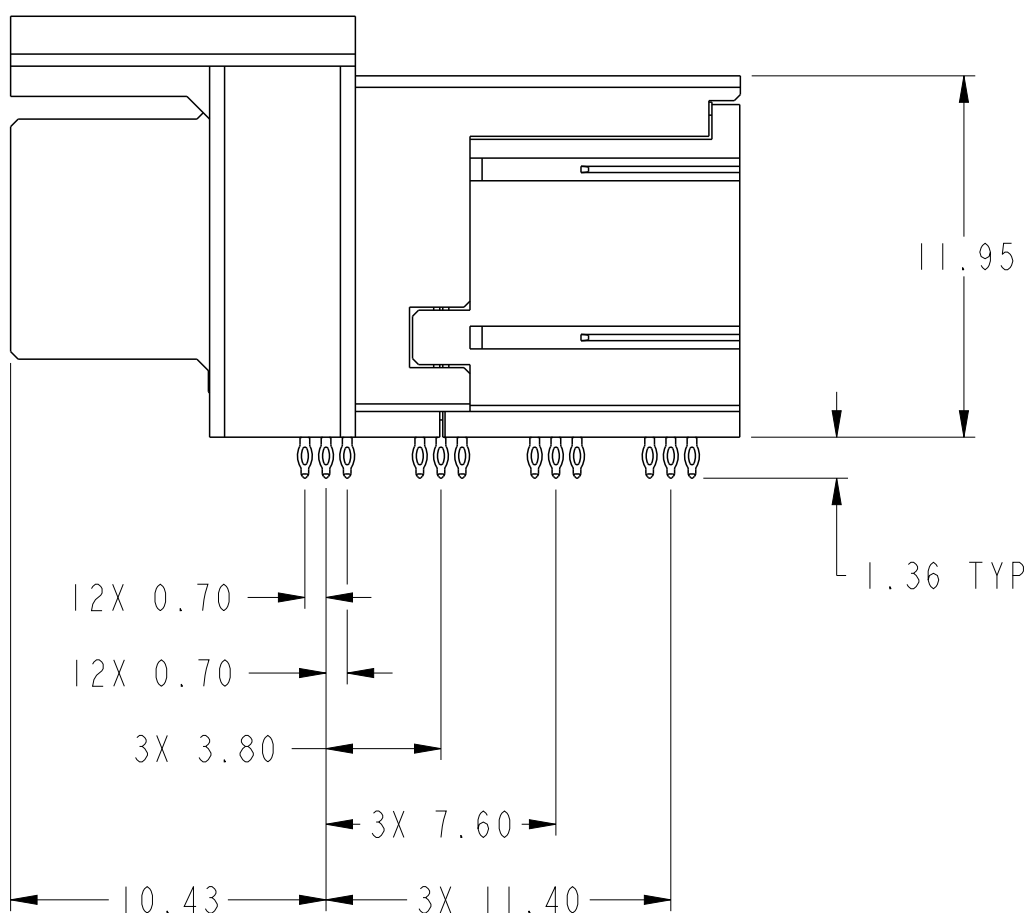
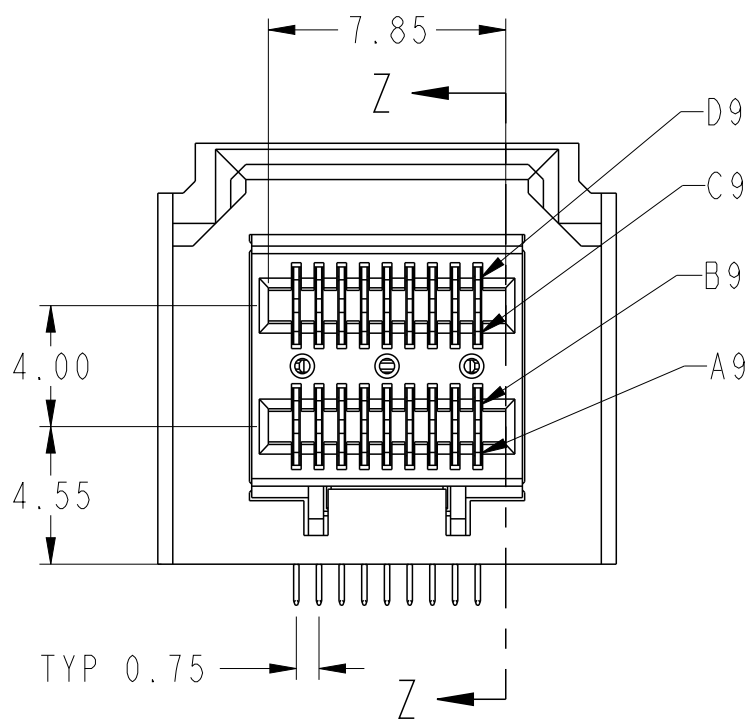
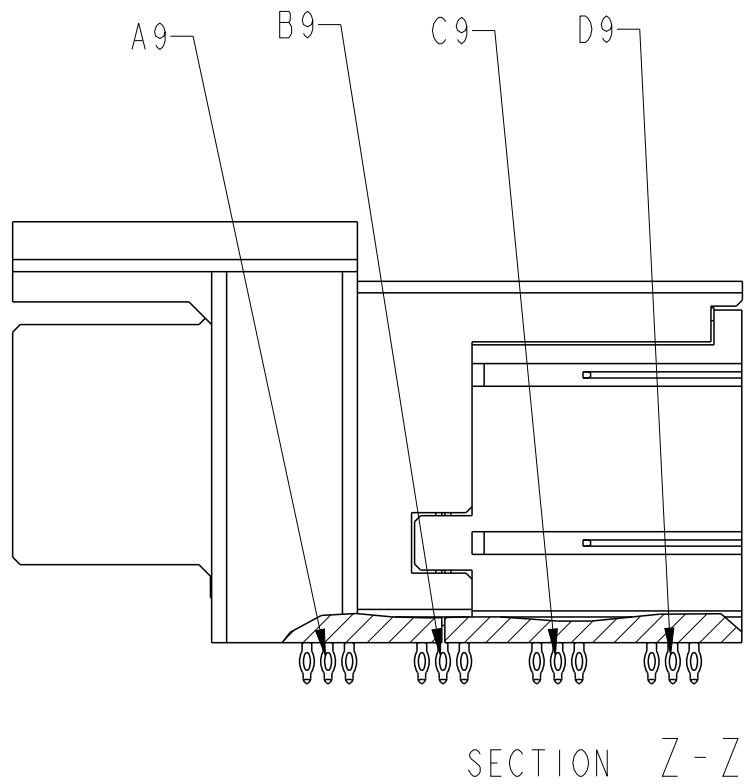
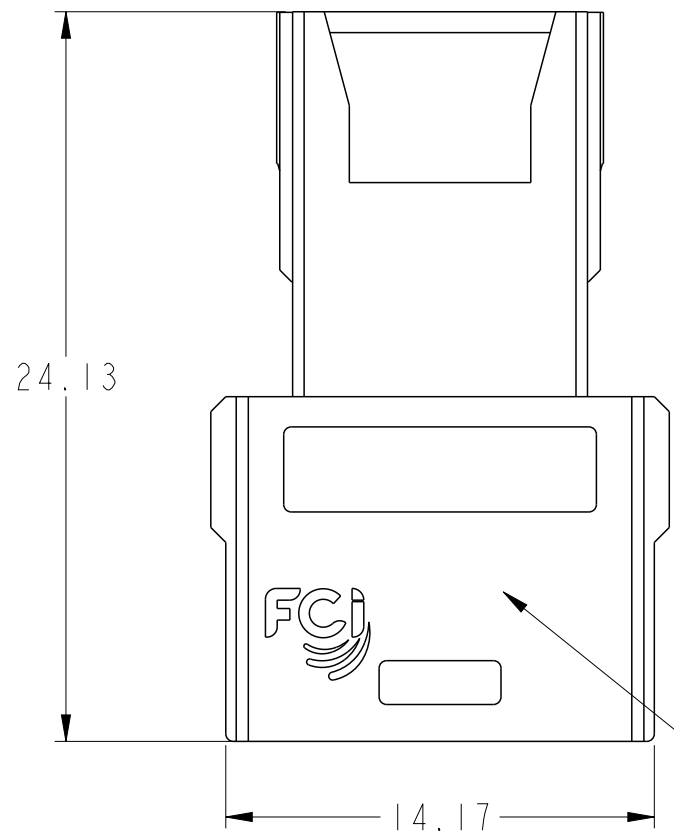


PRODUCT NUMBER	PLATING OPT.	HSG&FRAME COLOR
10112632-101	OPTION 1	BLACK
10112632-101LF	OPTION 2	BLACK
10112632-121	OPTION 1	NATURAL
10112632-121LF	OPTION 2	NATURAL

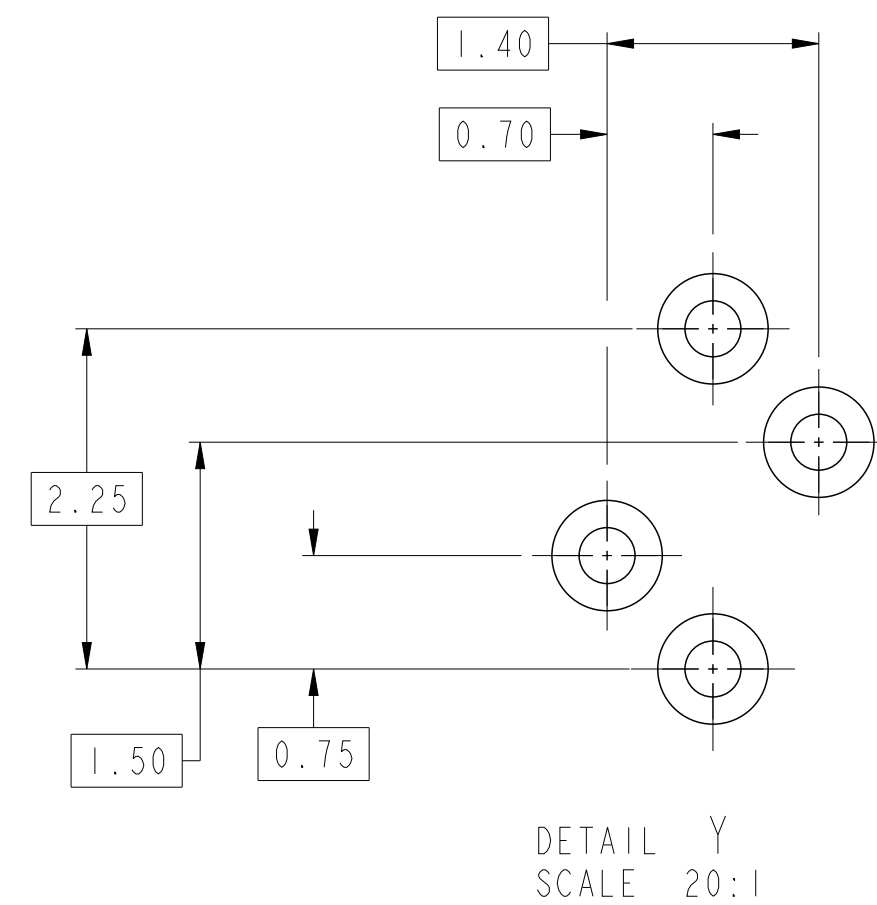
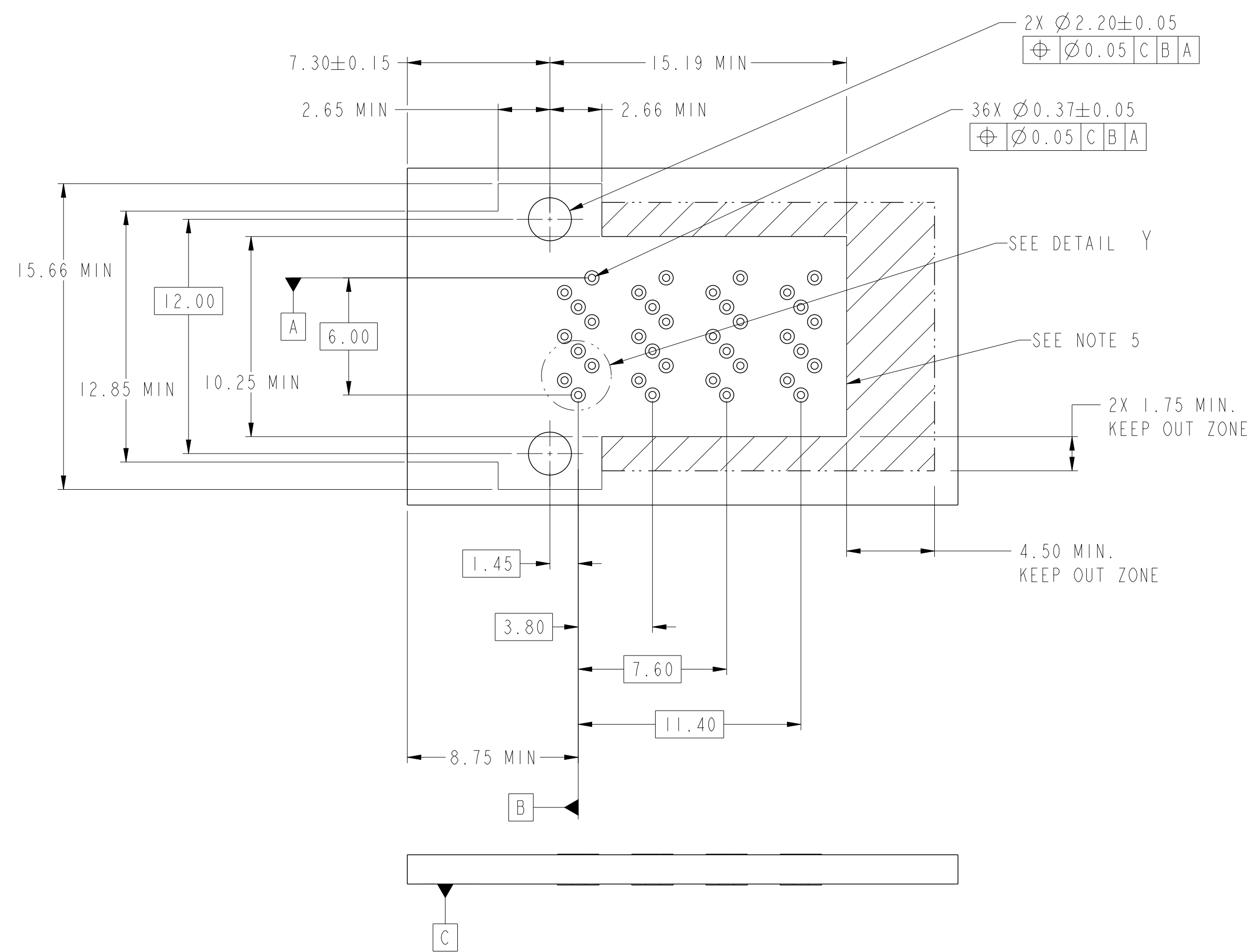


- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC, GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
 - FINISHES:
CONTACT AREA: 0.76µm GOLD OVER 2.54µm MIN NICKEL
TAIL AREA:
OPTION 1: 0.76µm - 1.52µm TIN/LEAD (90/10) OVER 2.54µm MIN NICKEL.
OPTION 2: 0.76µm - 1.52µm TIN (LEAD FREE) OVER 2.54µm MIN NICKEL.
 - PRODUCT SPECIFICATION: GS-12-650.
APPLICATION SPECIFICATION: GS-20-0356
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)

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-17997-1		rel level		Released	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Pei-Ming Zheng		2015/12/23		product family		MINI-SAS HD											
surface				linear		0.X		±0.25		FCI		IXI INTERNAL ASSEMBLY		dwg no		10112632		rev		C			
						0.XX		±0.15															
						0.XXX		±															
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4							

RECOMMENDED PC BOARD LAYOUT

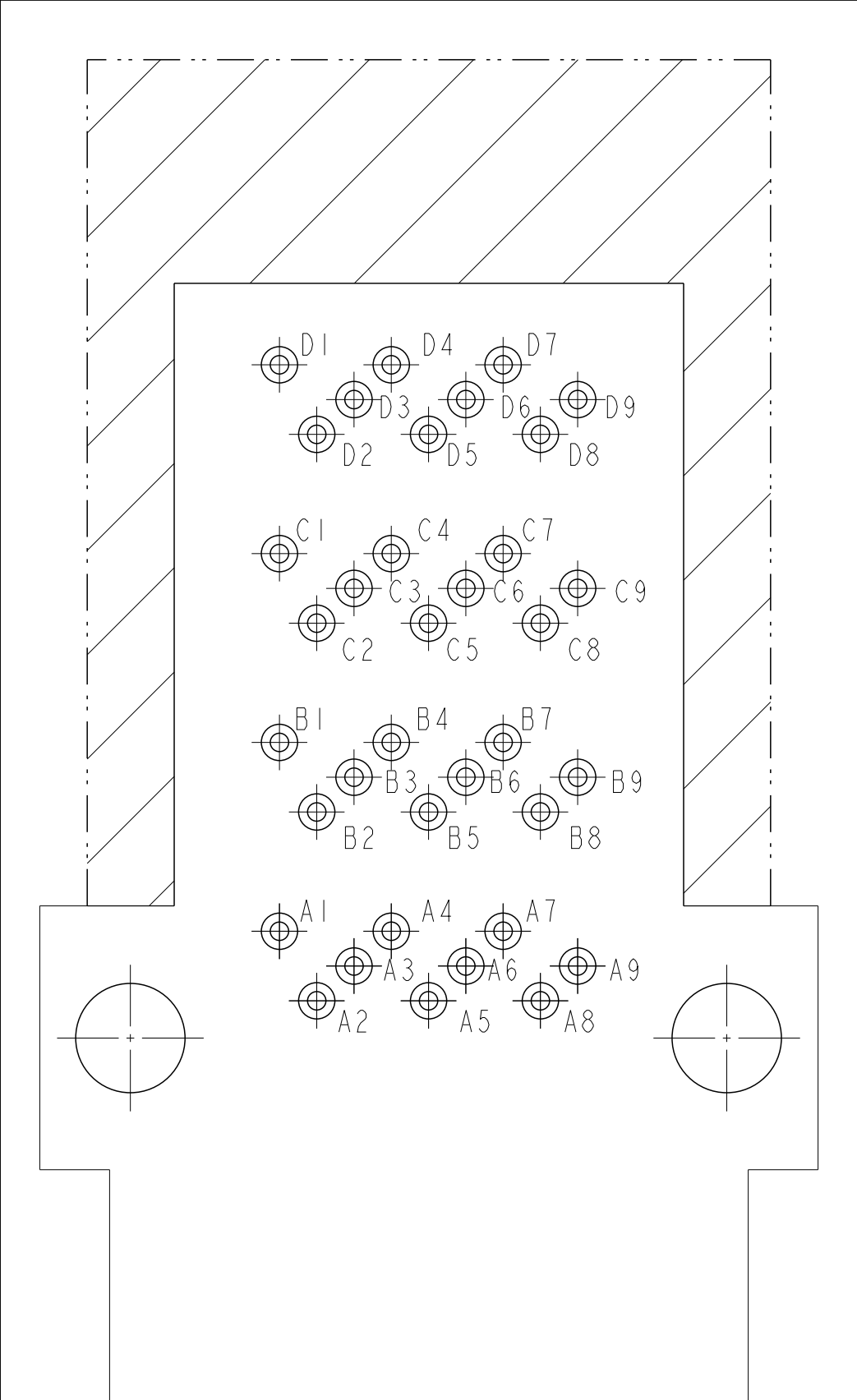


NOTES:

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.

spec ref		-		dr		Mark Gray		2010/08/04		projection		MM		size		A2		scale		4:1			
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		IXI INTERNAL ASSEMBLY		dwg no		10112632		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



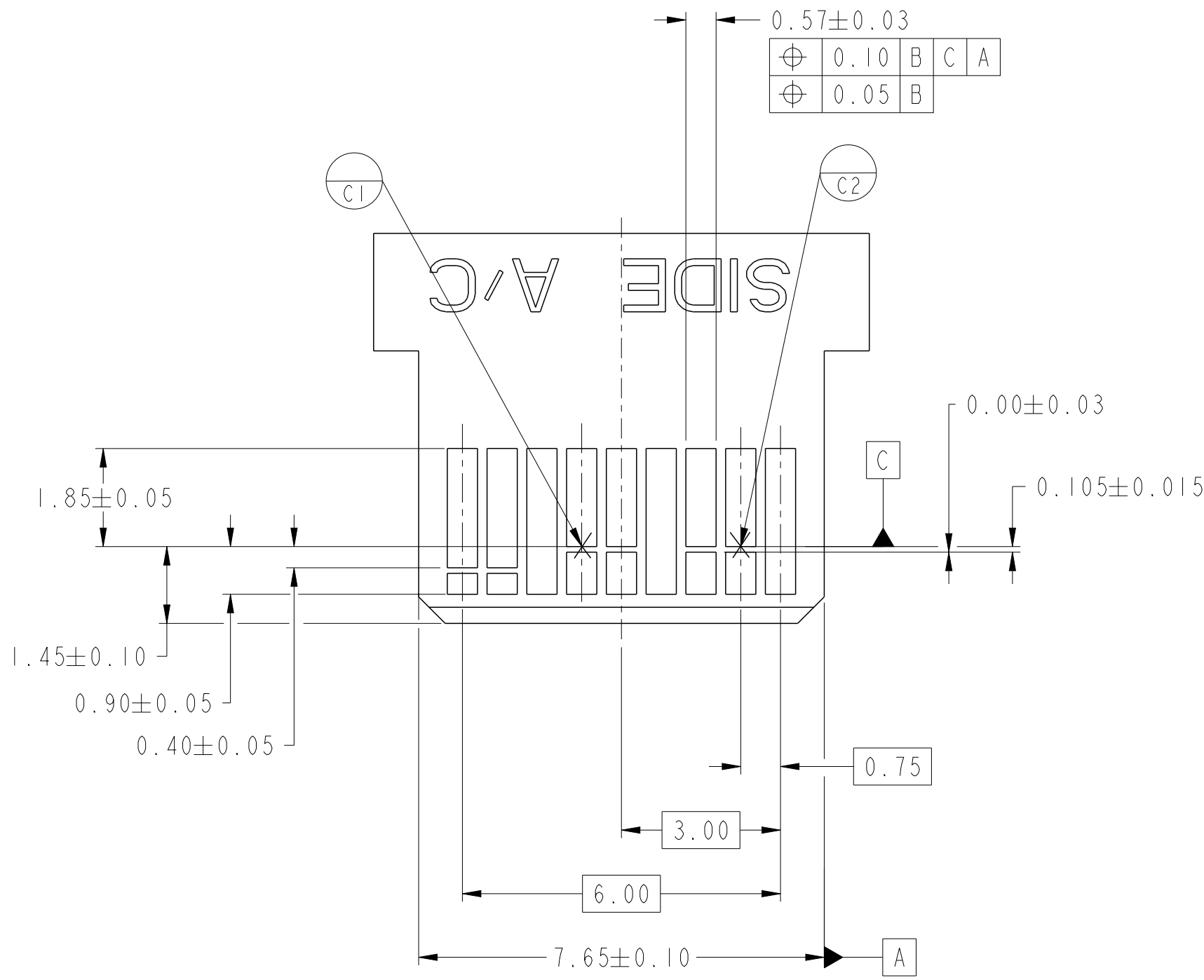
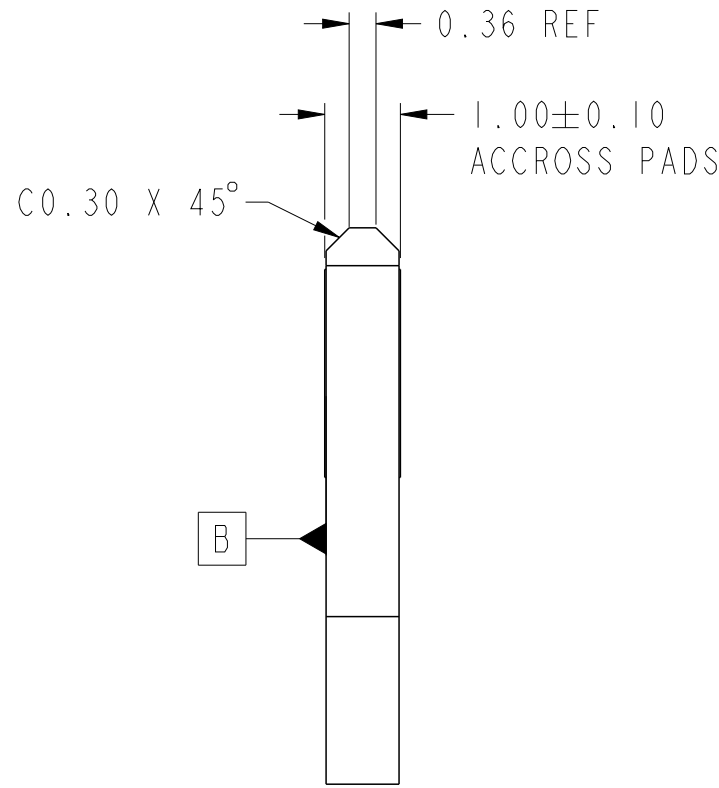
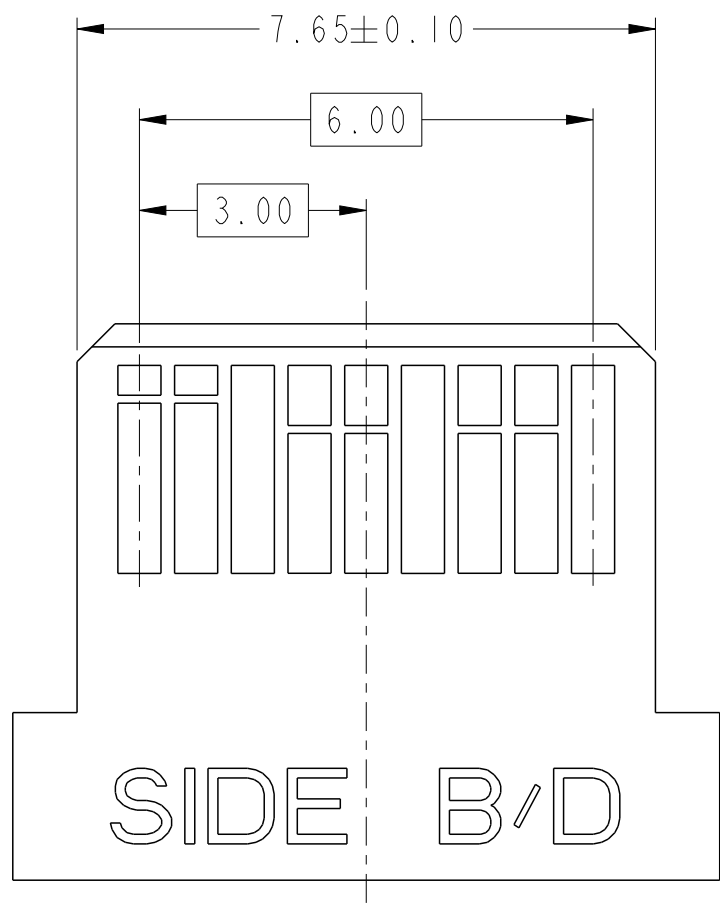
Copyright FCI.

spec ref -				dr Mark Gray		2010/08/04		projection		MM		size A2		scale 4:1			
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 IXI INTERNAL ASSEMBLY		dwg no		10112632		rev C	
		0.XX		±0.15		MINI-SAS HD											
ASME Y14.5		angular		0°		±1/2°											
www.fci.com				cat. no.		-		Product - Customer Drw				sheet 3 of 4					

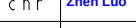
PDS: Rev :C

STATUS:Released

Printed: Dec 23, 2015



- NOTES:
- 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		Jackbin Zou		2015/12/09						ecn no		ELX-DG-17997-1							
		chr		Zhen Luo		2015/12/22																	
		appr		Pei-Ming Zheng		2015/12/23																	
										product family		MINI-SAS HD		oppr				rel level		Released			
surface				linear		0.X		±0.25				title		IXI INTERNAL ASSEMBLY		dwg no		10112632		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							