



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

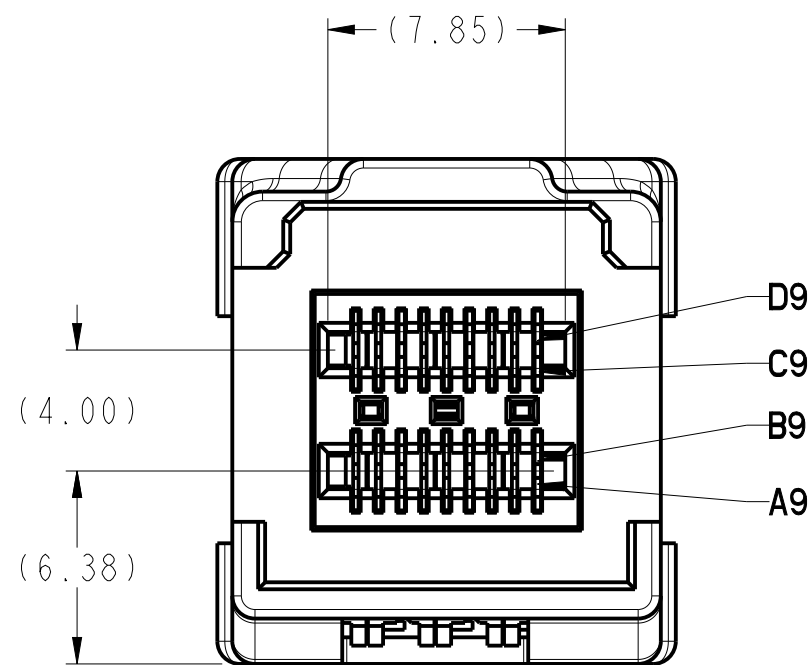
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PRODUCT NUMBER	PLATING OPT.
10120666-XXX	OPTION 1
10120666-XXXLF	OPTION 2

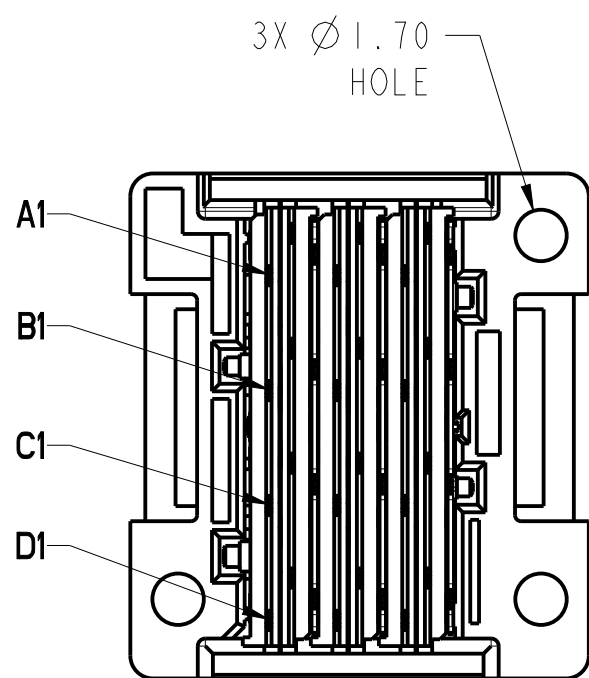
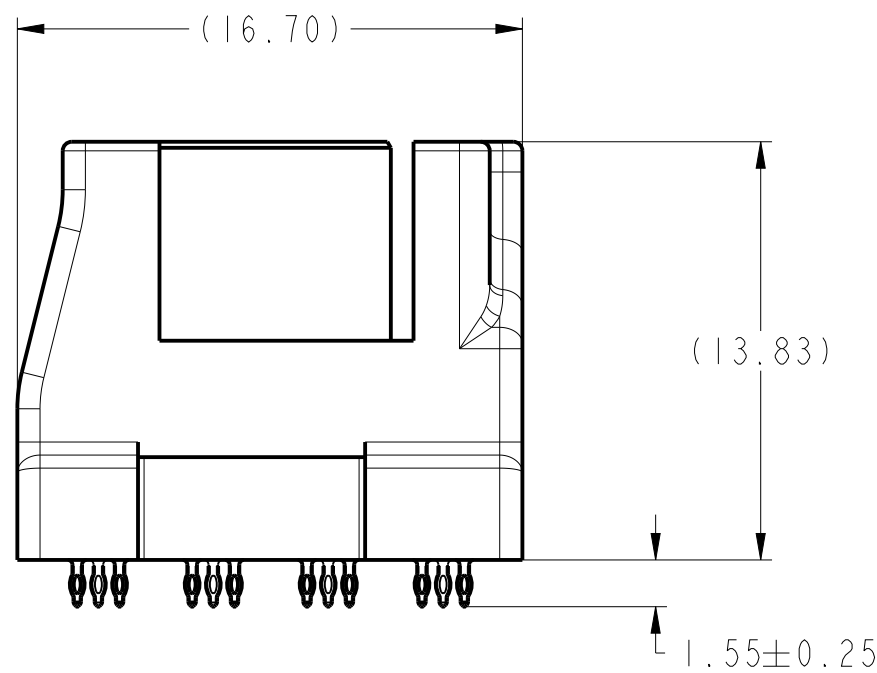
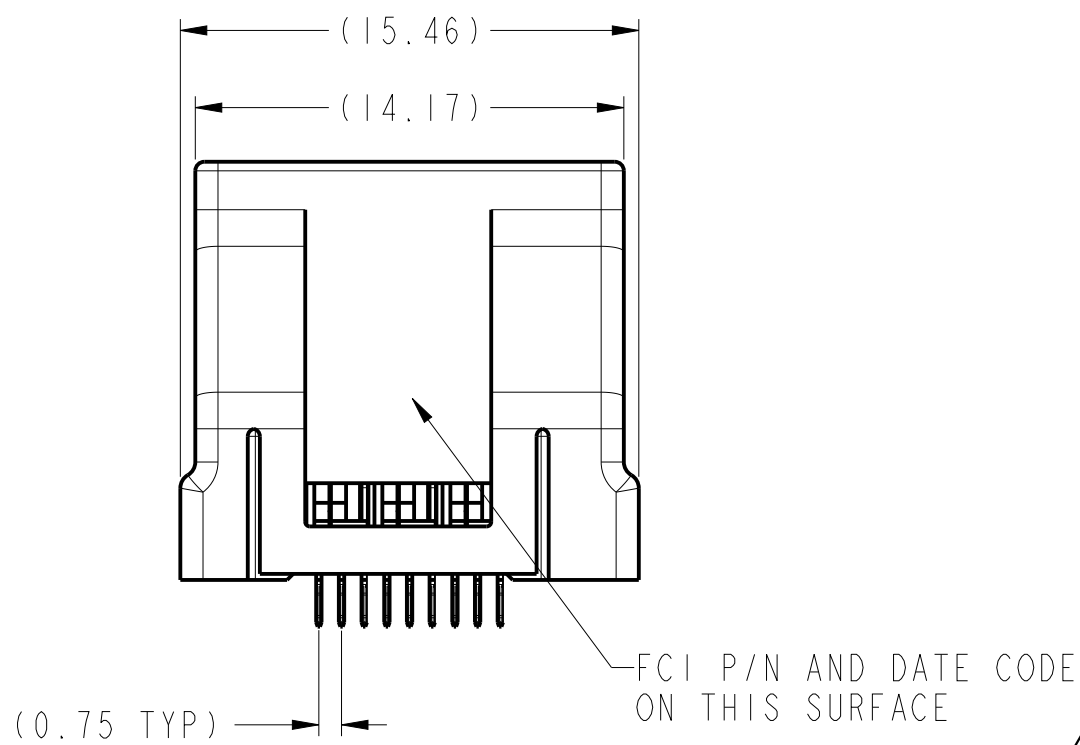
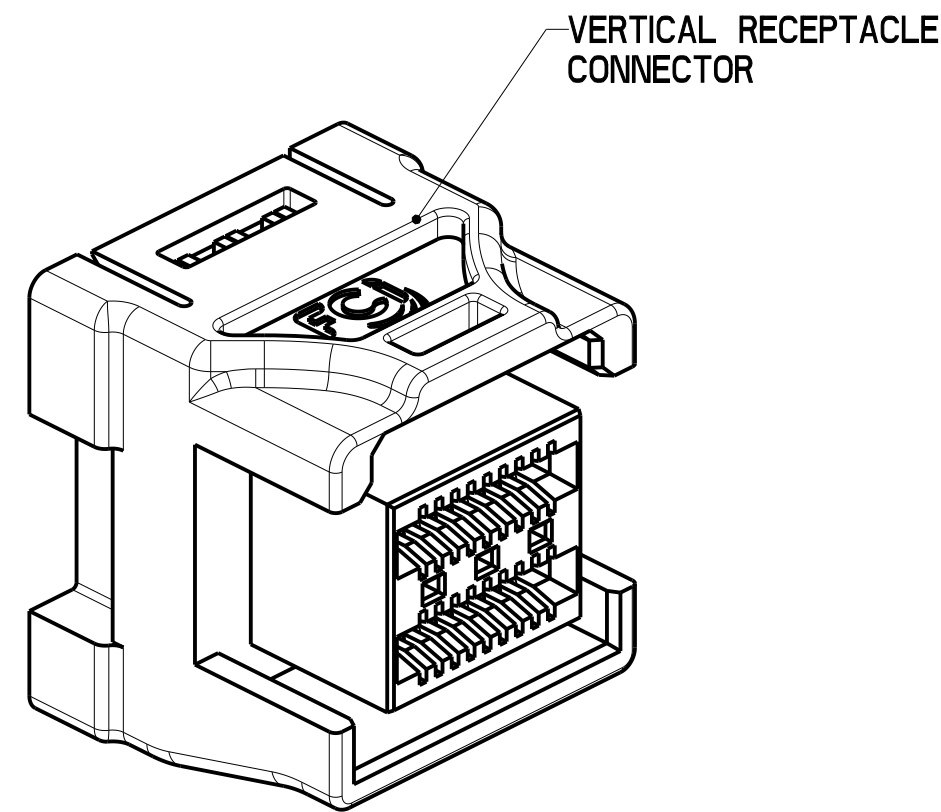


PART NUMBER DESCRIPTION

10120666 - X 0 1 LF

BASE NUMBER

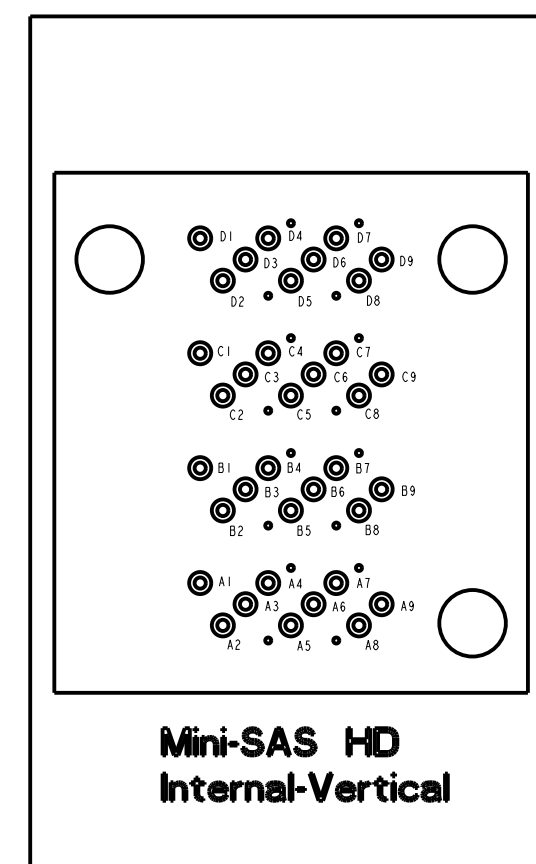
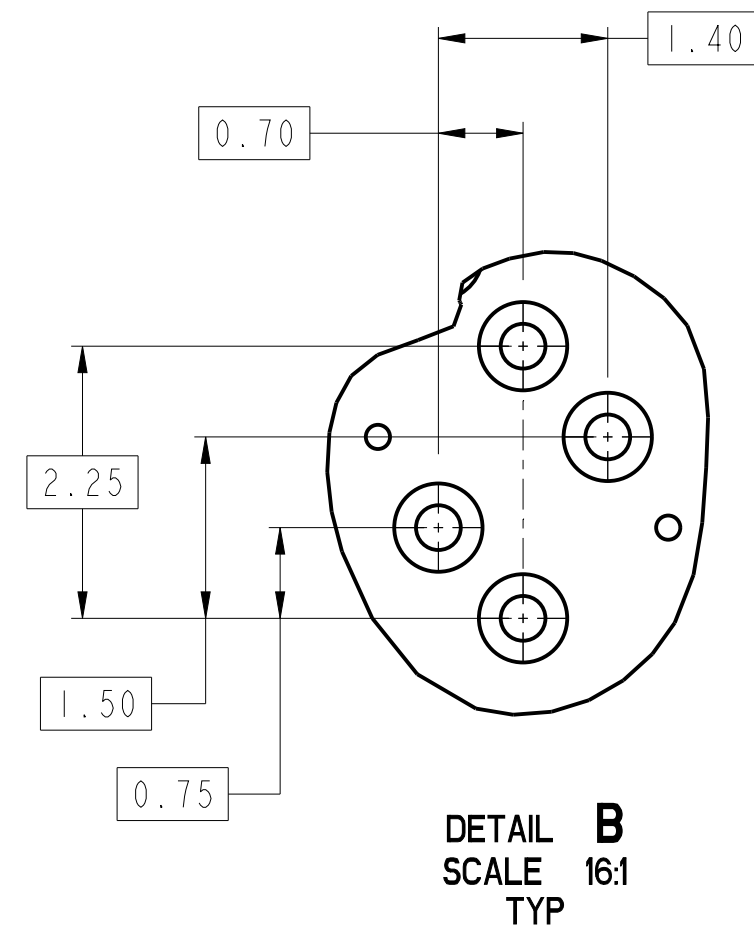
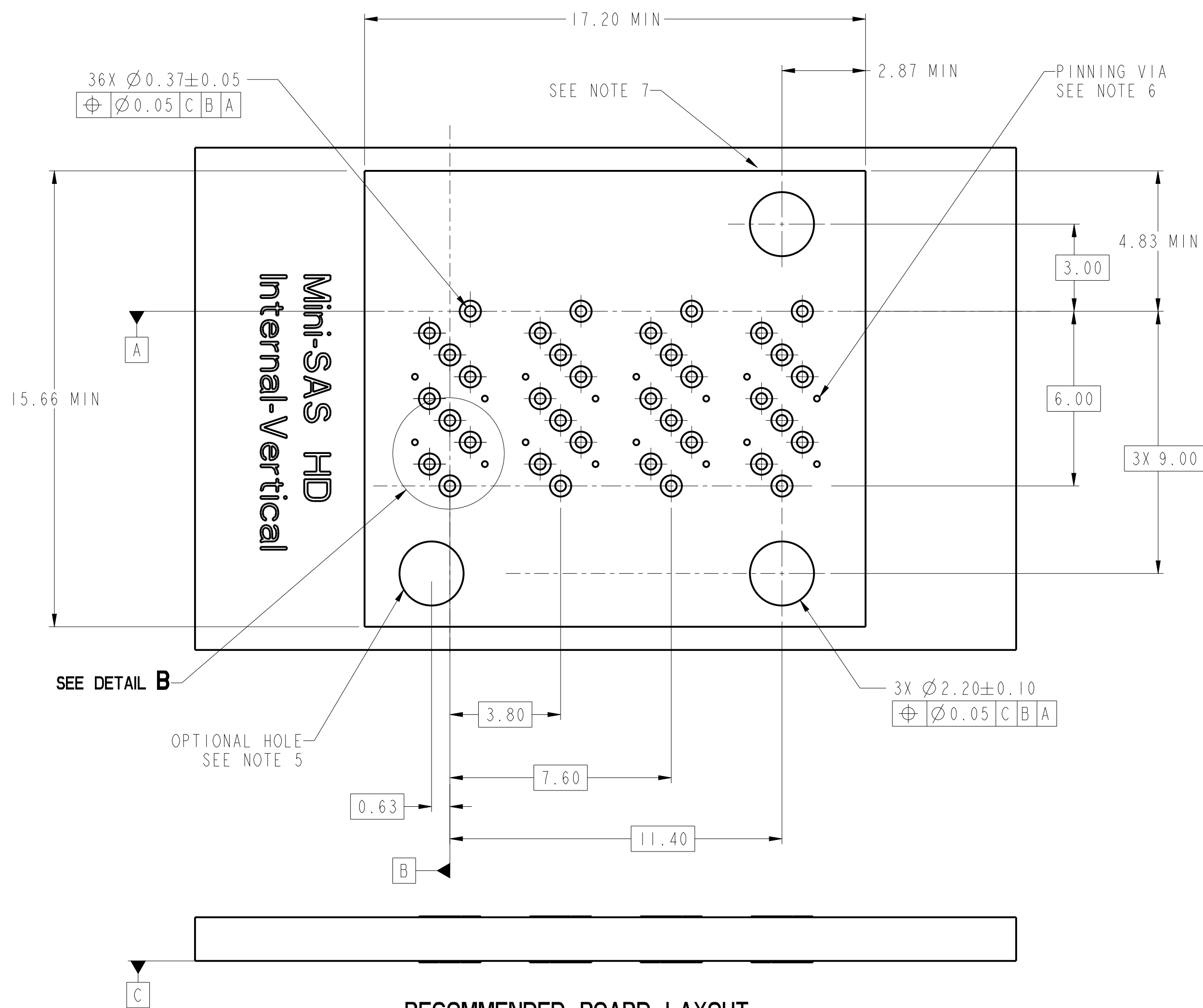
HOUSING COLOR:
1: BLACK
3: NATURAL



NOTES:

- CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
- FINISHES:
CONTACT AREA: 0.76um GOLD OVER 2.54 um MIN NICKEL WITH PAO LUBE.
TAIL AREA:
OPTION 1: 0.76um - 1.52um TIN/LEAD (90/10) OVER 2.54um MIN NICKEL.
OPTION 2: 0.76um - 1.52um TIN (LEAD FREE) OVER 2.54um MIN NICKEL.
- PRODUCT SPECIFICATION: GS-12-650
APPLICATION SPECIFICATION: GS-20-0356
PACKING SPECIFICATION: GS-14-1490
- MOUNTING HARDWARE:
OPTION 1: M2 X 0.91 SELF-THREADING SCREW
OPTION 2: M2 X 0.80 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + (2.5±0.35)mm. G
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENT OF INDUSTRY SPECIFICATION SFF-8643.

spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Jacklin Zou	2015/12/09	chr	Zhen Luo	2015/12/22	ecn no	ELX-DG-22744-1	
		appr	Pei-Ming Zheng	2015/12/23	product family		rel level	Released		
surface	✓	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±		
ASME Y14.5	angular	0°	±1/2°							
		FCI		TITLE		IXI INTERNAL VERTICAL ASSEMBLY		dwg no		10120666
		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4		rev
		PDS: Rev :G		STATUS: Released		Printed: Jan 04, 2016				G

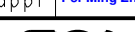


1X1
PIN OUT DESIGNATIONS
ROTATED 90°

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. USE OF HOLE IS OPITONAL AND CAN BE ADDED WHEN ADDTIONAL MECHANICAL MOUNTING AND STRAIN RELIEF IS DEEMED NECESSARY.
6. DETAILED INFORMATION OF "PINNING VIA" REFER TO APPLICATION SPECIFICATION GS-20-0356 SECTION 5
7. CONNECTOR KEEP OUT AREA

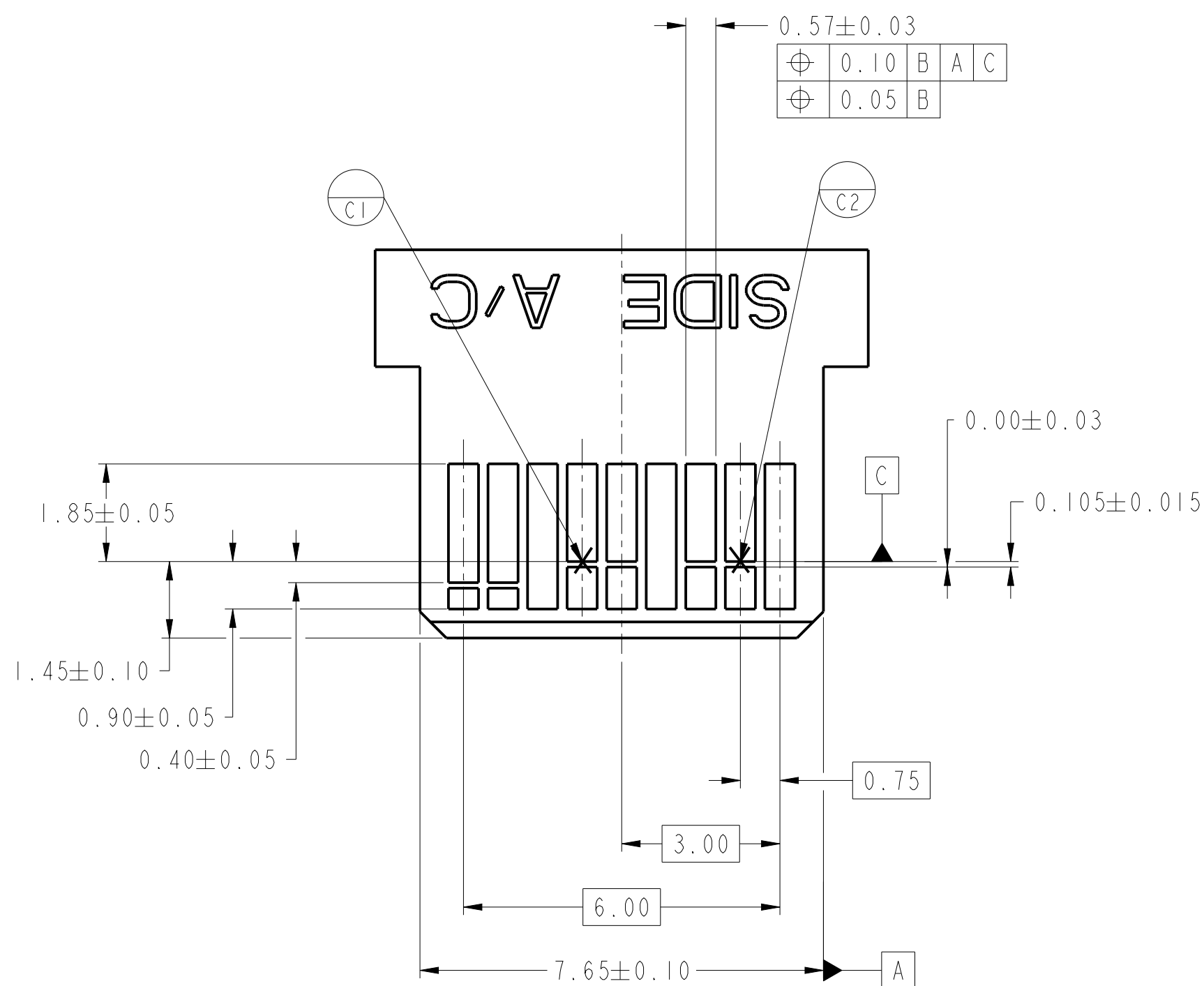
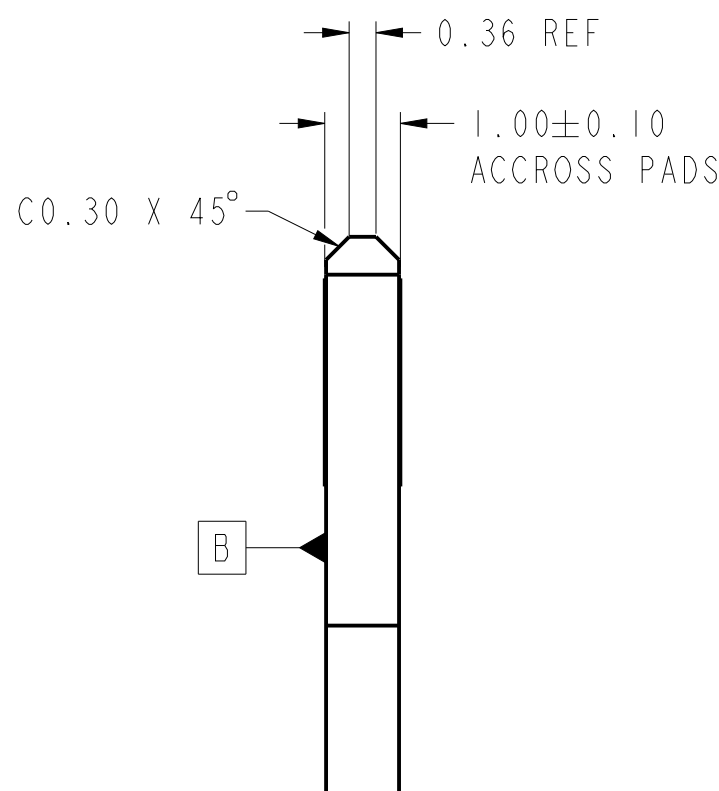
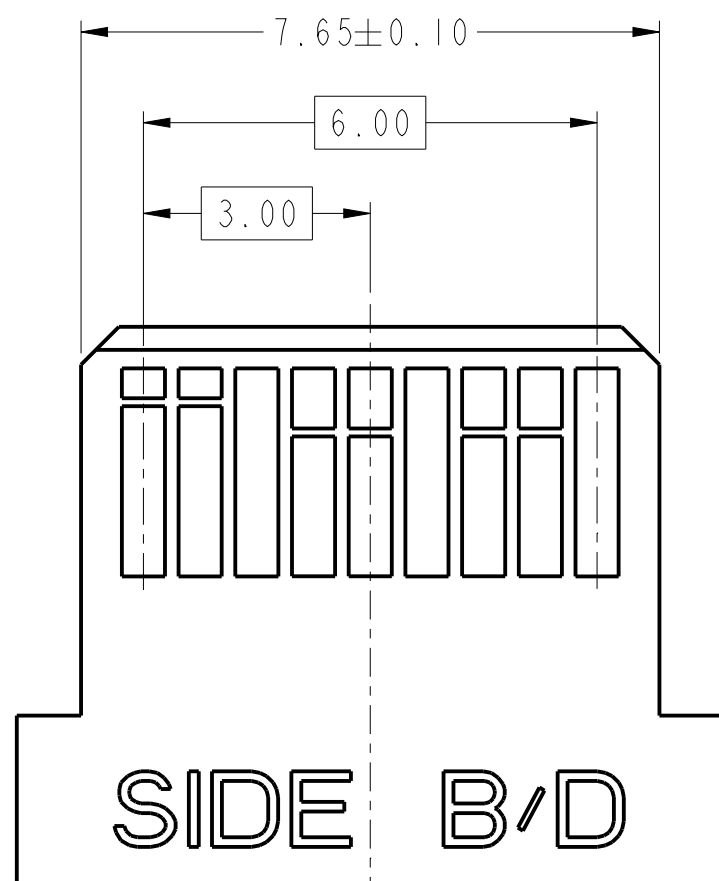
RECOMMENDED BOARD LAYOUT
SCALE 8:1

spec ref		-		dr		Deborah Ingram		2012/04/10		projection		MM		size		A2		scale		4:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackbin Zou		2015/12/09						ecn no		ELX-DG-22744-1											
ASME Y14.5				chr		Zhen Luo		2015/12/22						rel level		Released											
-		appr		Pei-Ming Zheng		2015/12/23		product family																			
surface 		linear		0.X		±0.25				title		IXI INTERNAL VERTICAL ASSEMBLY								dwg no		10120666		rev		G	
				0.XX		±0.13																					
				0.XXX		±-																					
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		Product - Customer Drw								sheet 2 of 4							

PDS: Rev :G

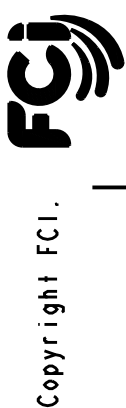
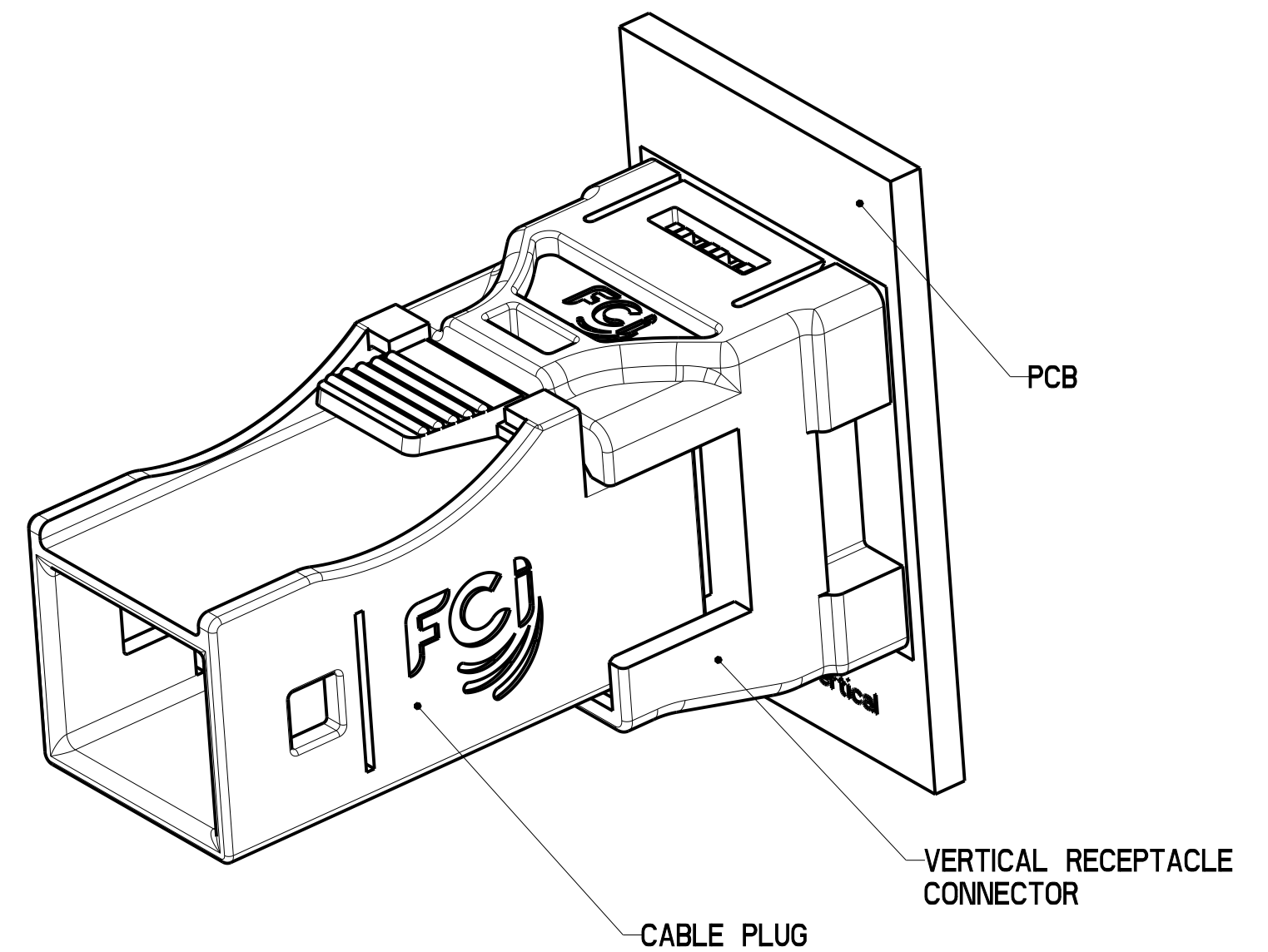
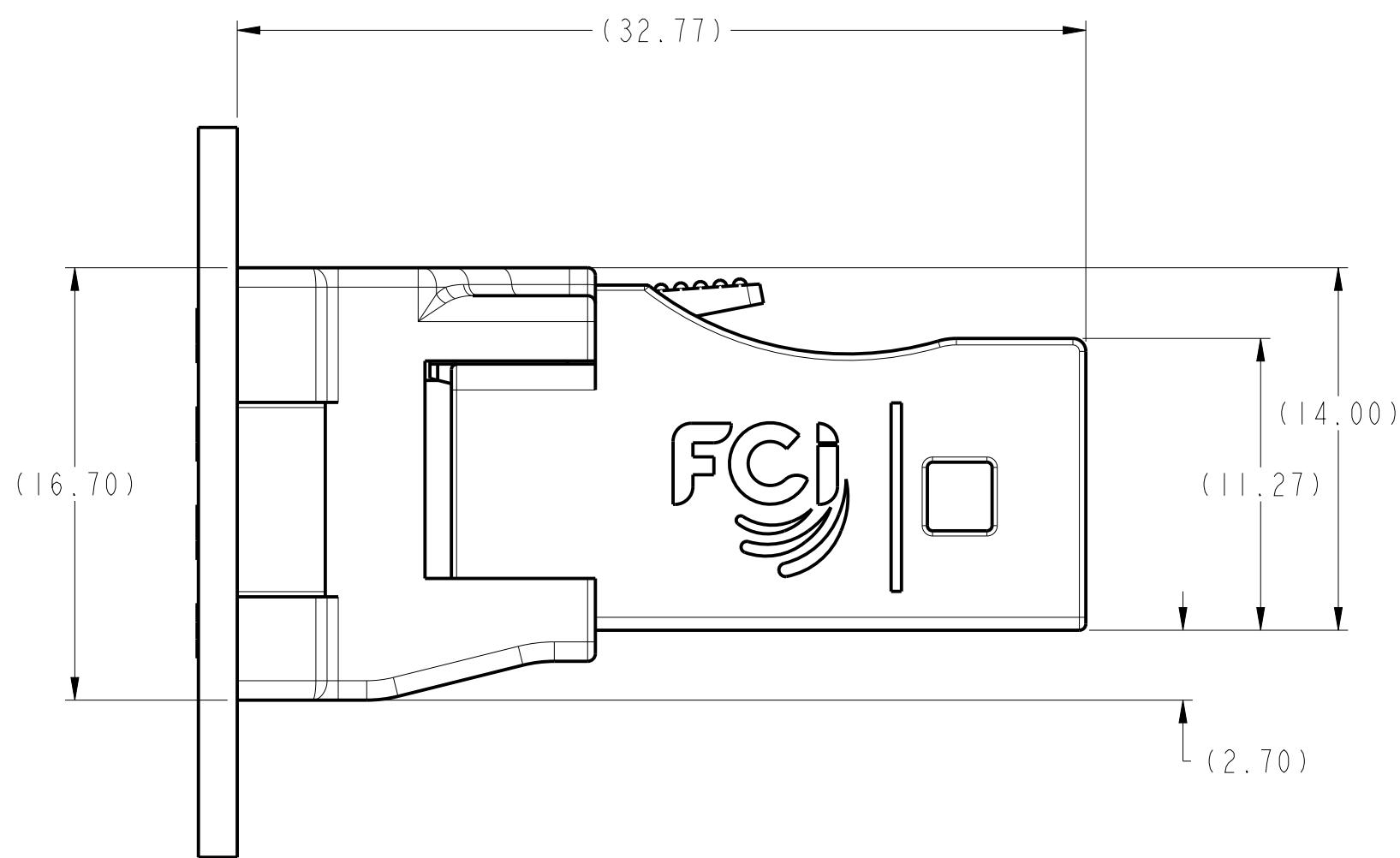
STATUS: Released

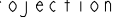
Printed: Jan 04, 2016



- 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.

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		appr	Pei-Ming Zheng	2015/12/23	product family		rel level	Released		
surface	✓	linear	0.X	±0.25	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				



spec ref		-		dr		Deborah Ingram		2012/04/10		projection				MM		size		A2		scale		4:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jackbin Zou		2015/12/09				ecn no		ELX-DG-22744-1		rel level		Released							
ASME Y14.5				chr		Zhen Luo		2015/12/22				appr		Pei-Ming Zheng										2015/12/23	
surface		linear		0.X		±0.25		FCI				title		IXI INTERNAL VERTICAL ASSEMBLY										dwg no	
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 4 of 4											