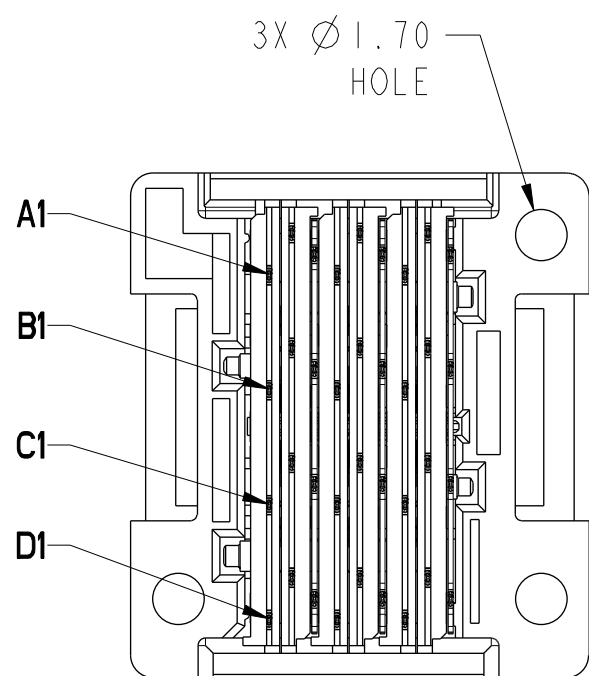
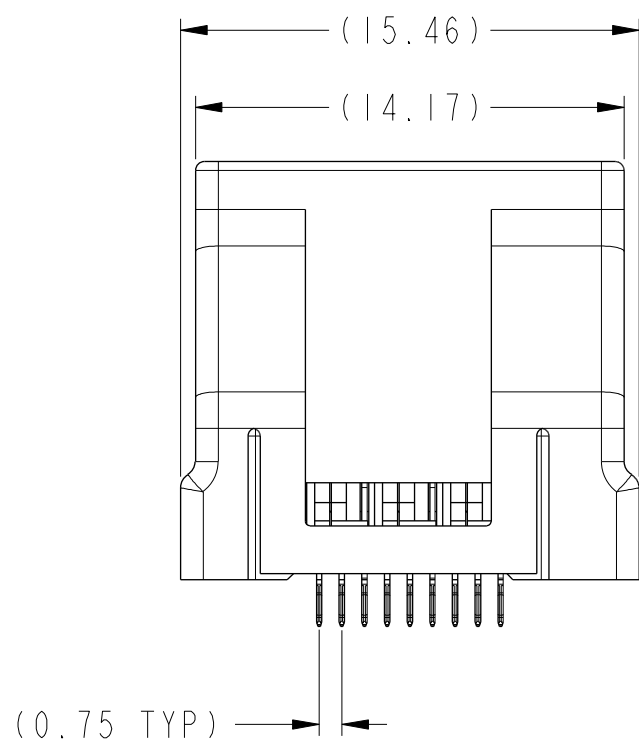
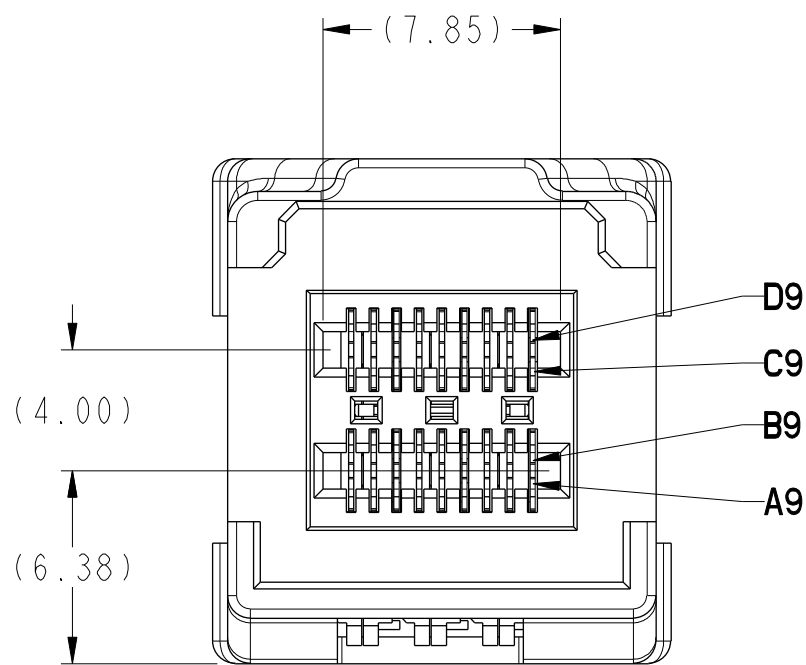


PRODUCT NUMBER	PLATING OPT.
10120666-XXX	OPTION 1
10120666-XXXLF	OPTION 2



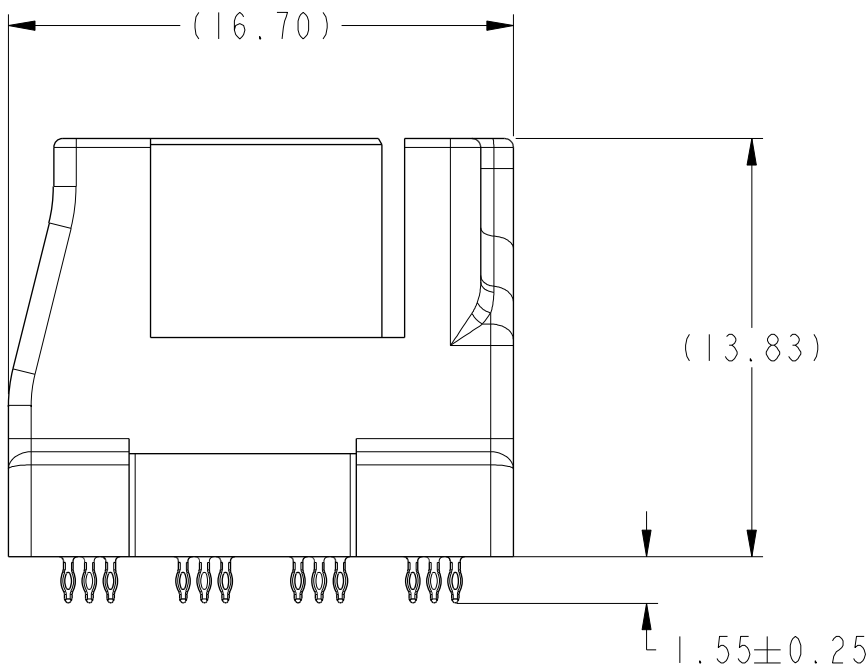
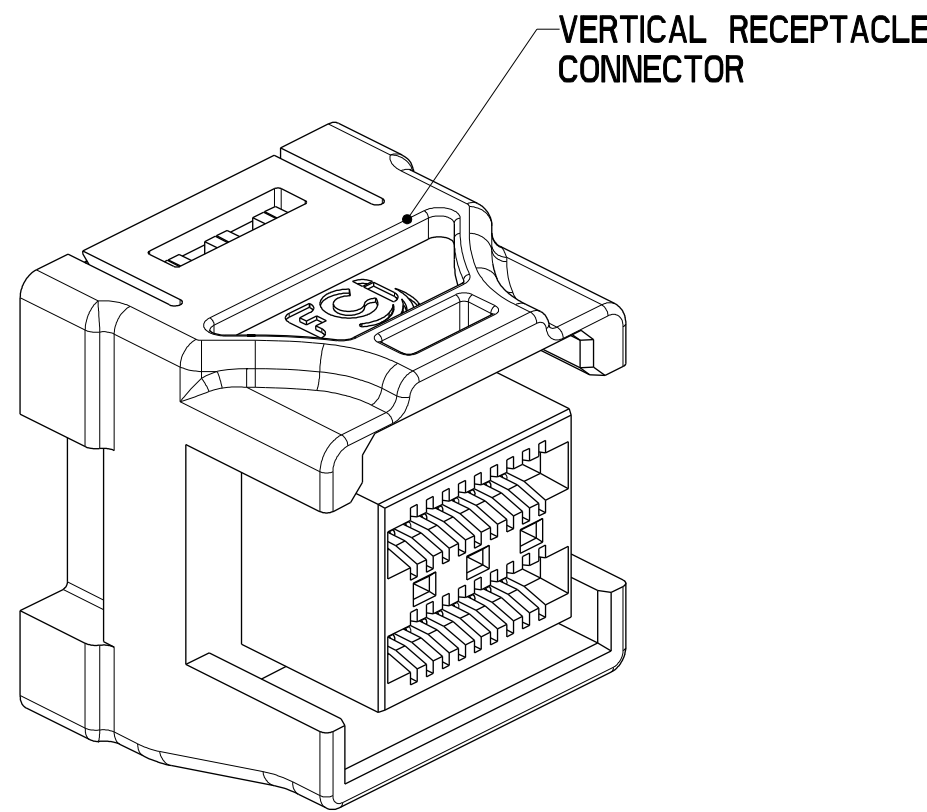
PART NUMBER DESCRIPTION

10120666 - X 0 1 LF

BASE NUMBER

HOUSING COLOR:

1: BLACK
3: NATURAL



NOTES:

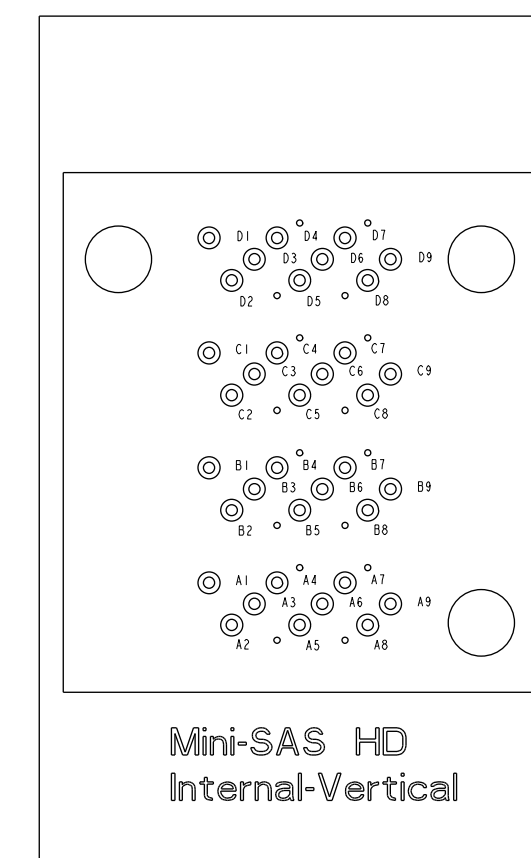
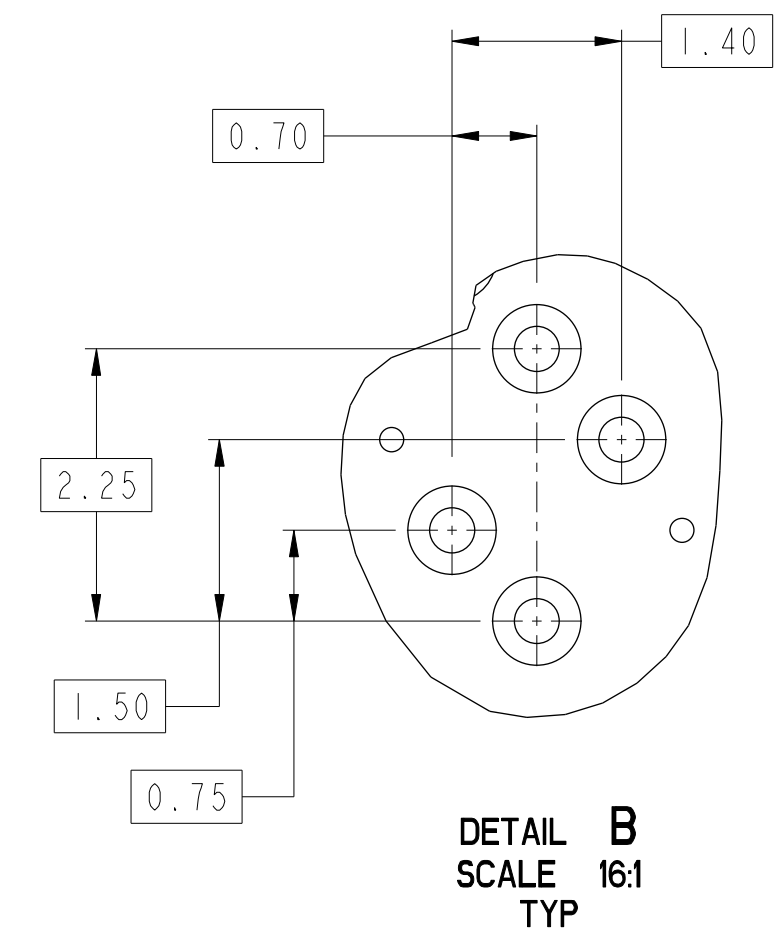
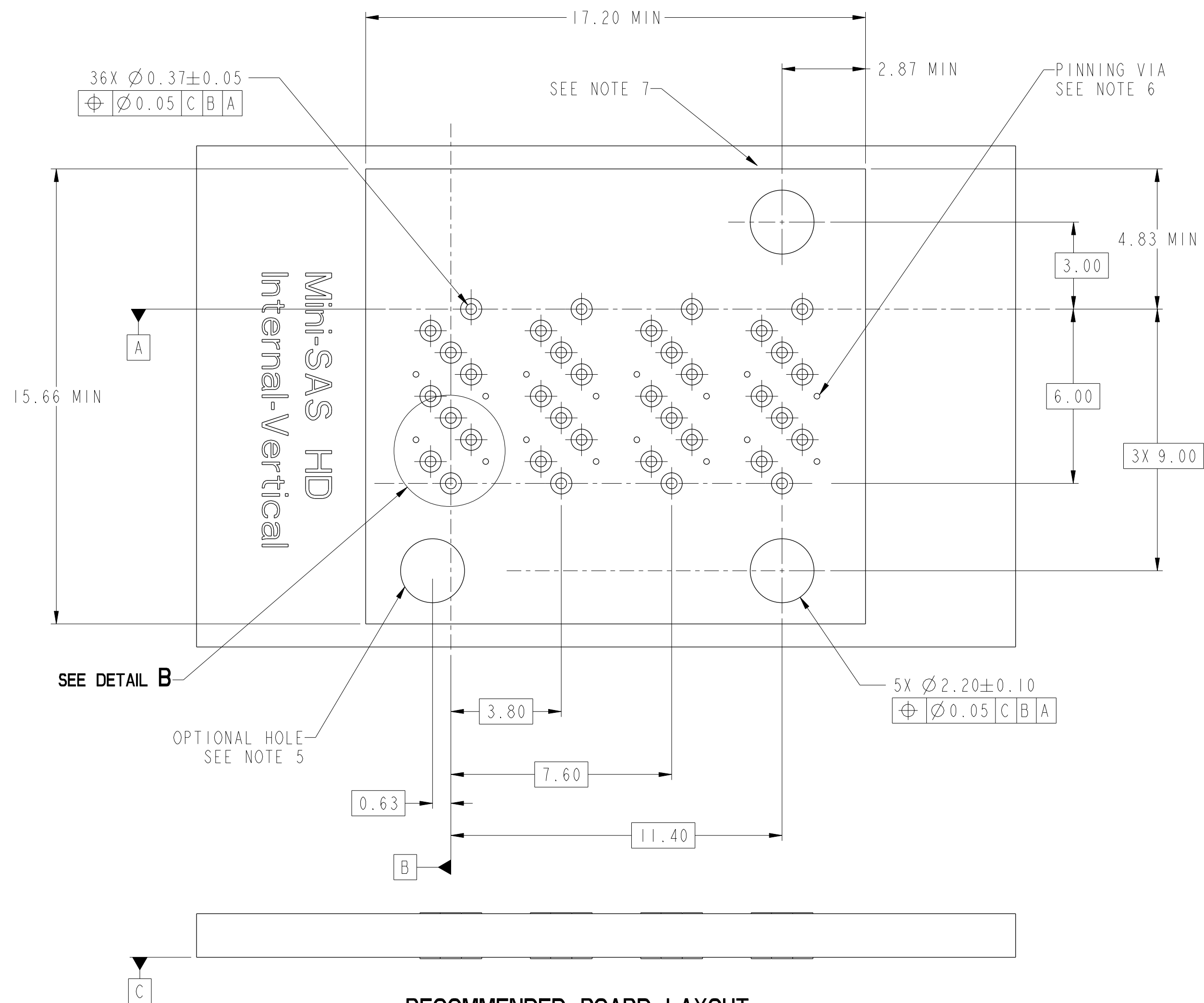
- CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY
- FINISHES:
CONTACT AREA: 0.76um GOLD OVER 2.54 um MIN NICKEL WITH PAO LUBE.
TAIL AREA:
OPTION 1: 0.76um - 1.52um TIN/LEAD (90/10) OVER 2.54um MIN NICKEL.
OPTION 2: 0.76um - 1.52um TIN (LEAD FREE) OVER 2.54um MIN NICKEL.
- PRODUCT SPECIFICATION: GS-12-650
APPLICATION SPECIFICATION: GS-20-0356
PACKING SPECIFICATION: GS-14-1490
- MOUNTING HARDWARE: M2 X 0.91 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + 2.54mm MAX.
- 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	Andy Lu	2014/04/01	chr	-	ecn no	ELK-DG-17362-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/04/02	product family	MINI-SAS HD CONCEPT	cat. no.	10120666	rev	F
ASME Y14.5	linear	angular	0°	±1/2°	www.fci.com	Product - Customer Drw	sheet 1 of 4			

PDS: Rev :F

STATUS:Released

Printed: Apr 03, 2014

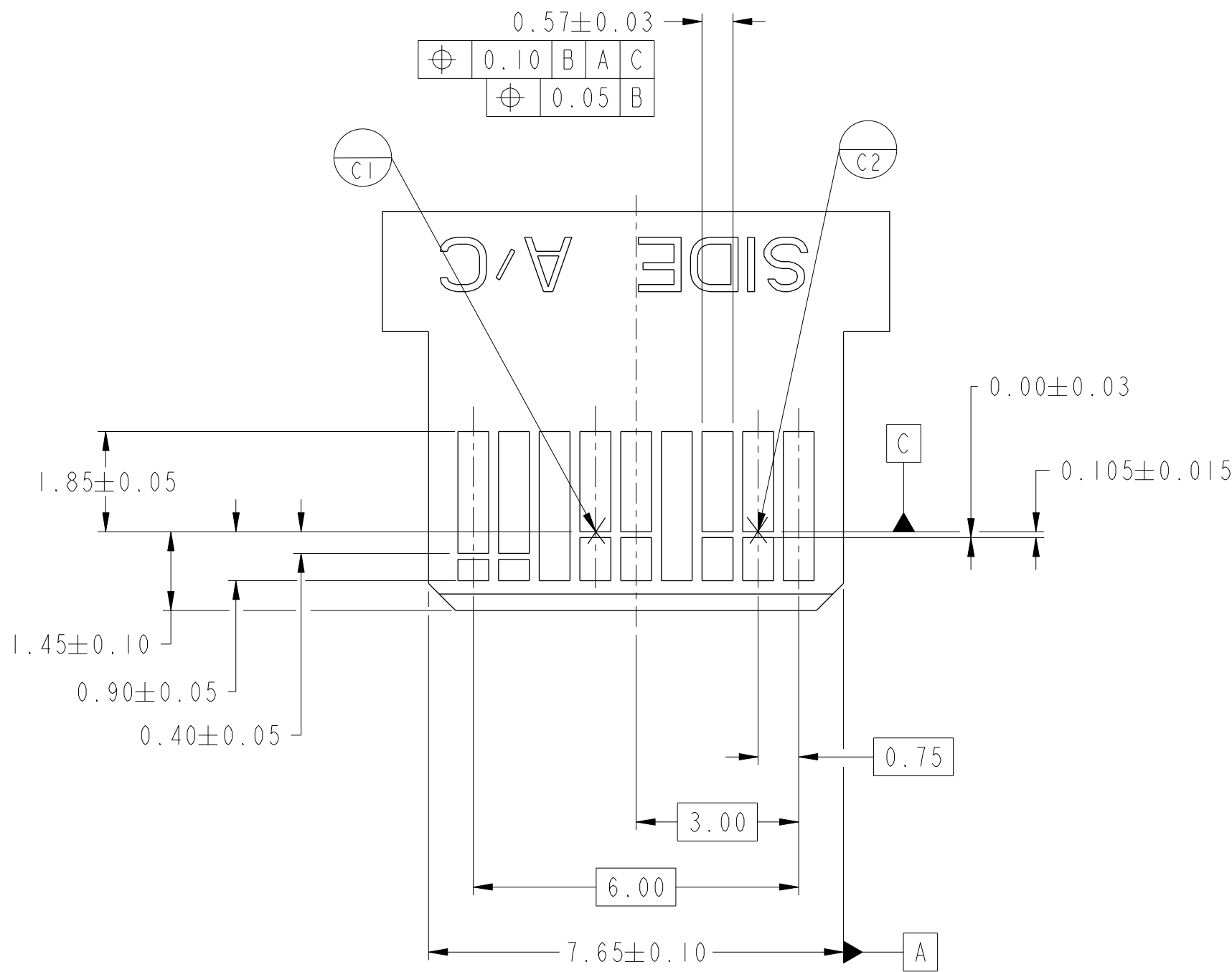
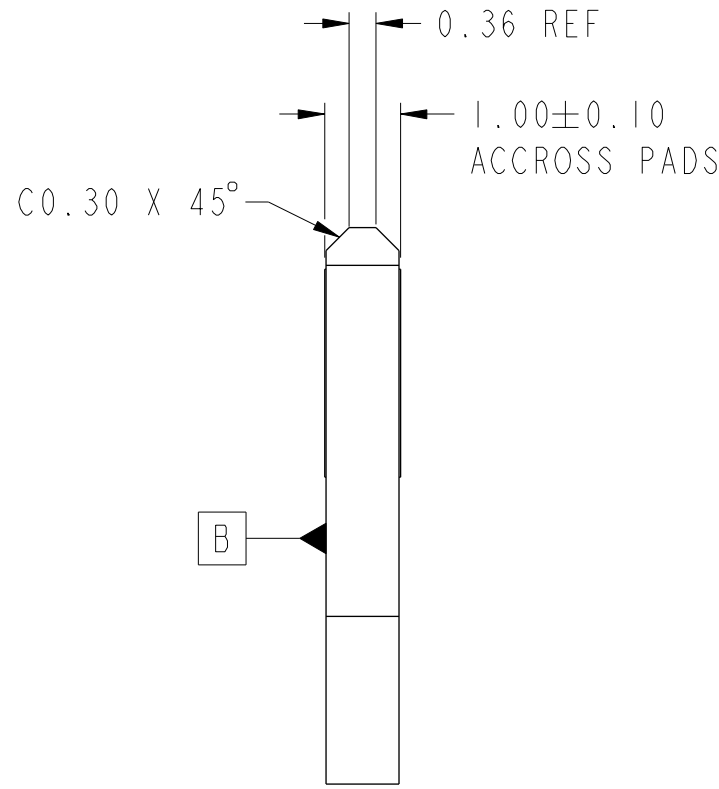
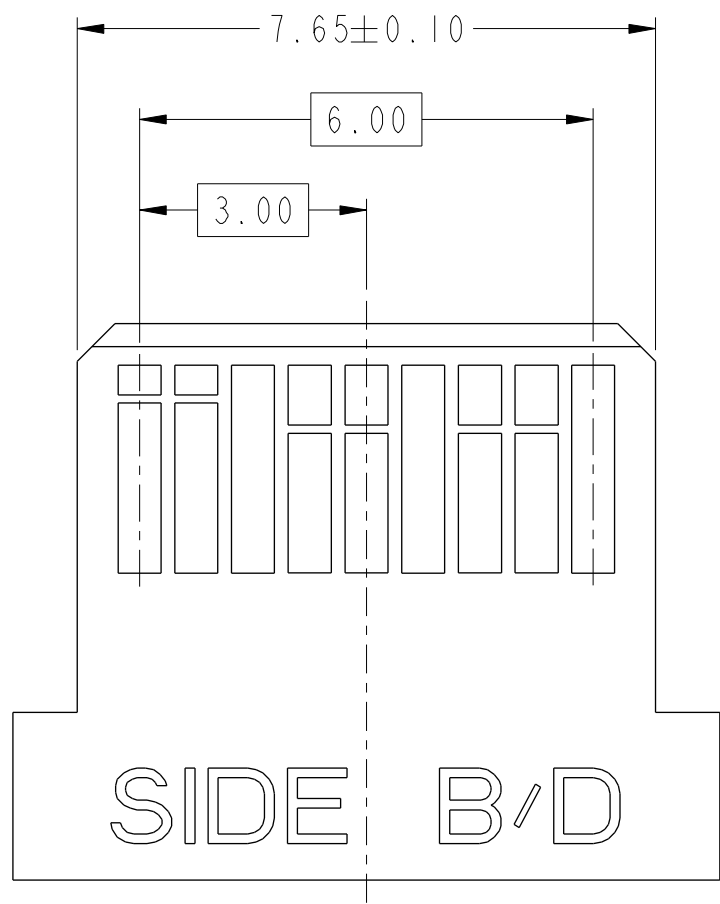


1X1
PIN OUT DESIGNATIONS
ROTATED 90°

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 OPITIONAL AND CAN BE ADDED WHEN ADDITIONAL 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

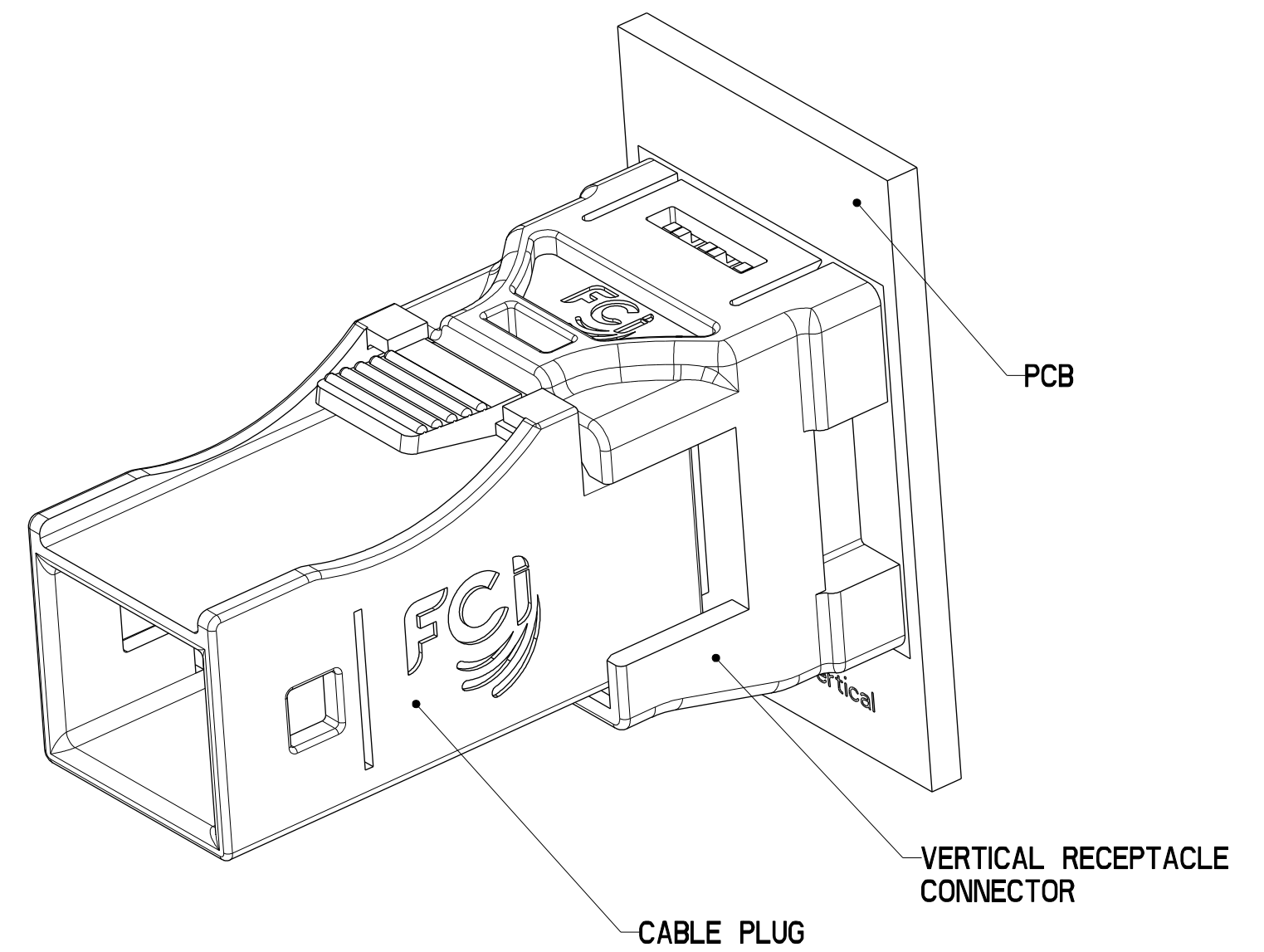
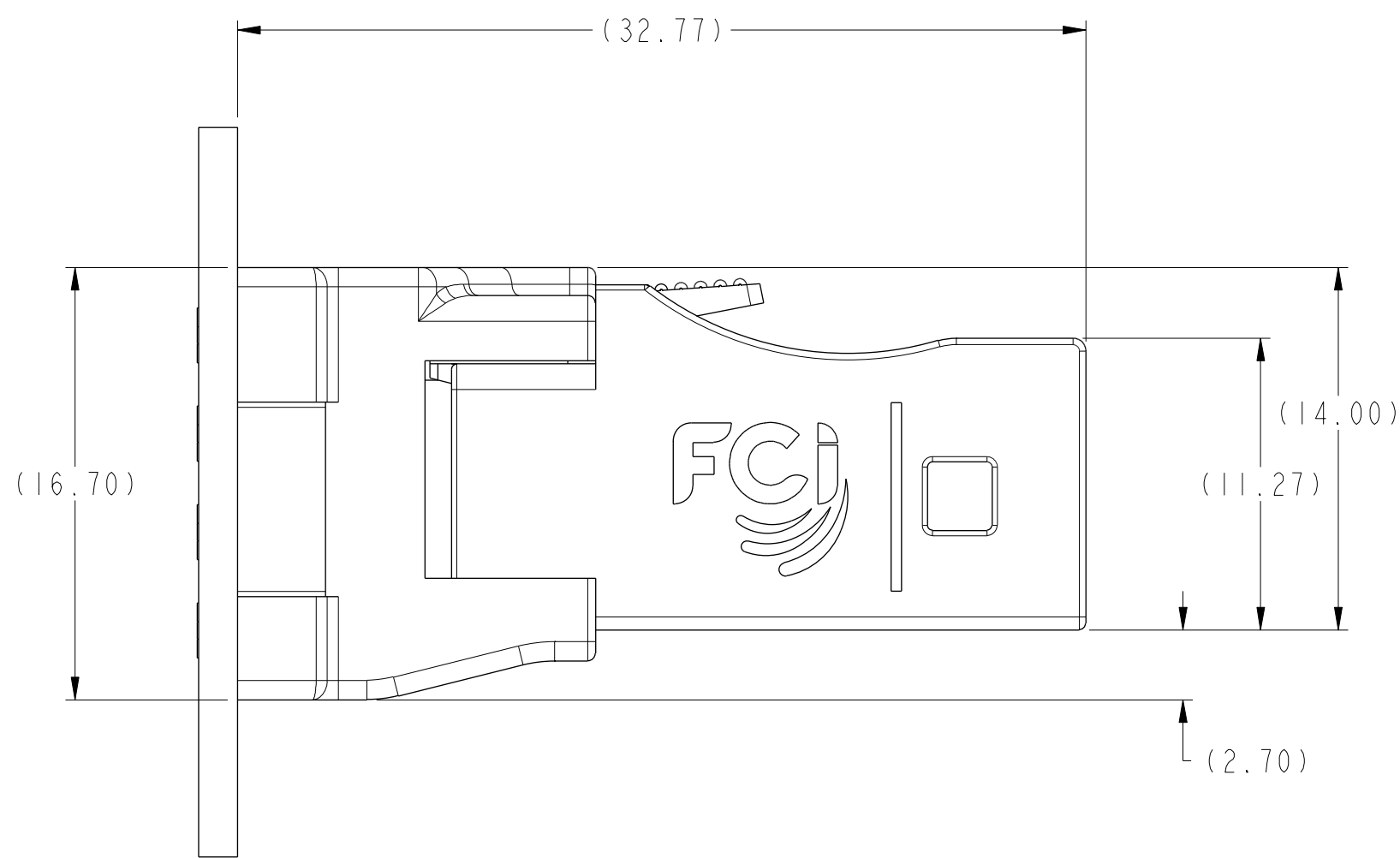
spec ref		-		dr		Deborah Ingram		2012/04/10		projection		MM		size		A2		scale		4:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Andy Lu		2014/04/01						ecn no		ELX-DG-17362-1											
ASME Y14.5				chr		-		-																			
-				appr		Pei-Ming Zheng		2014/04/02						product family		rel level		Released									
surface				linear				title		IXI INTERNAL VERTICAL ASSEMBLY		dwg no		10120666		rev		F									
																				0.X		±0.25					
																				0.XX		±0.13					
ASME Y14.5				0.XXX		±																					
		angular		0°		±1/2°		www.fci.com		cat. no.		Product-		Customer Drw		sheet 2 of 4											



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 Deborah Ingram 2012/04/10		projection		MM		size A2		scale 4:1	
tolerance std ASME Y14.5 -				eng Andy Lu 2014/04/01						ecn no ELX-DG-17362-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -						rel level Released			
				appr Pei-Ming Zheng 2014/04/02						product family			
surface ✓ ASME Y14.5		linear		0.X ±0.25			title IXI INTERNAL VERTICAL ASSEMBLY MINI-SAS HD CONCEPT		dwg no 10120666		rev F		
		0.XX ±0.13											
		0.XXX ±-											
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 Andy Lu		2014/04/01				ecn no ELX-DG-17362-1	rel level Released		
ASME Y14.5		chr -		-							
-		appr Pei-Ming Zheng		2014/04/02							
surface		linear		product family		cat. no.		sheet 4 of 4			
		0.X ±0.25		FCI www.fci.com							
		0.XX ±0.13									
ASME Y14.5	angular	0°	±1/2°	title IXI INTERNAL VERTICAL ASSEMBLY MINI-SAS HD CONCEPT		Product - Customer Drw					
				rev		F					

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