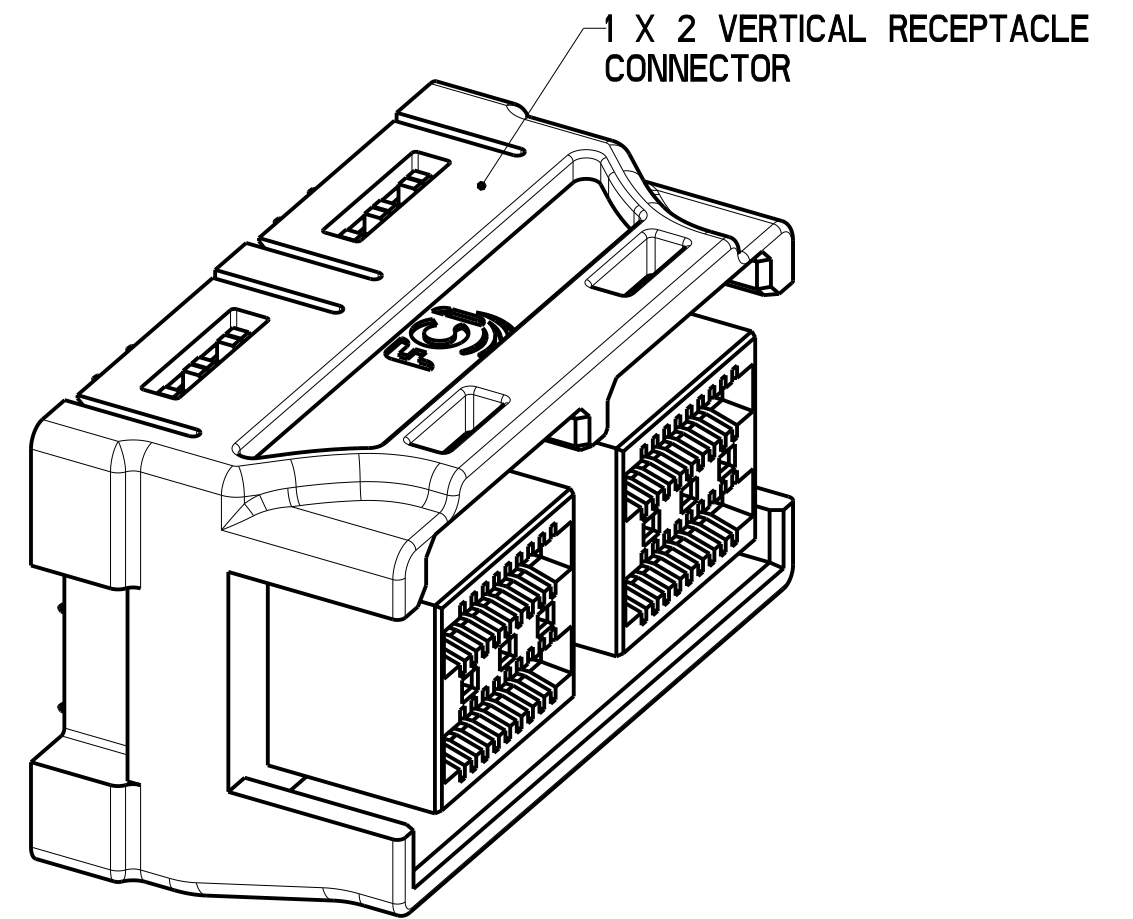
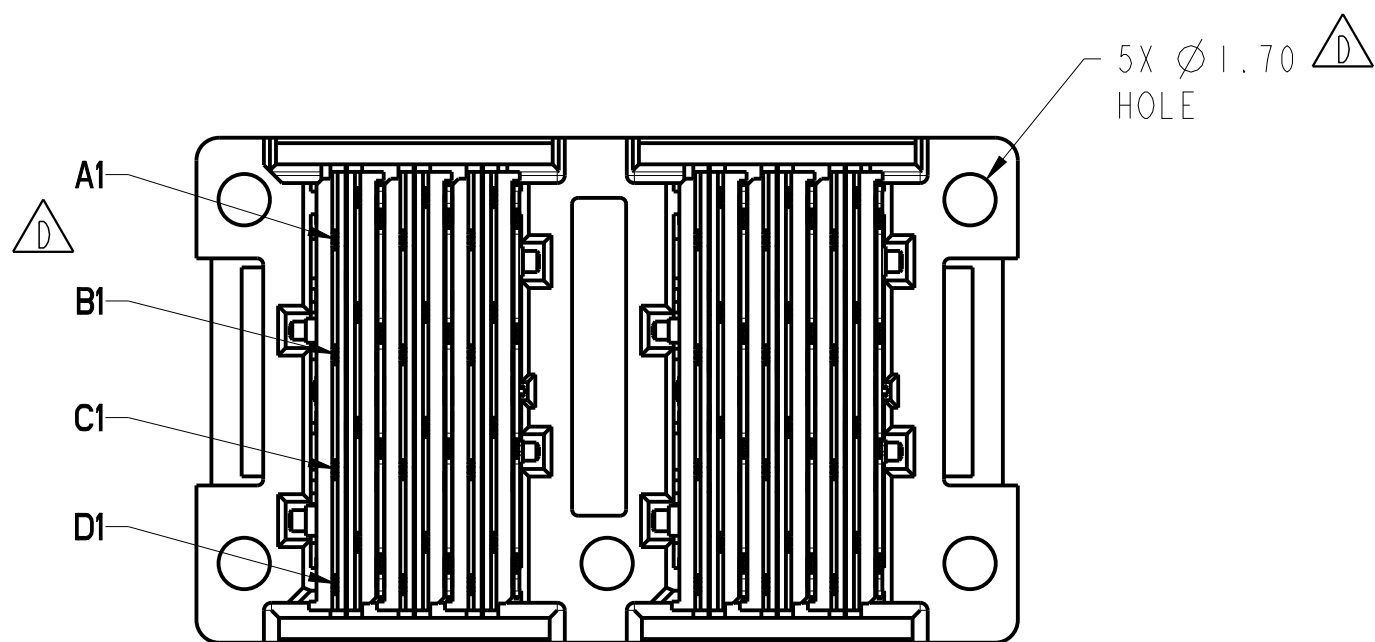
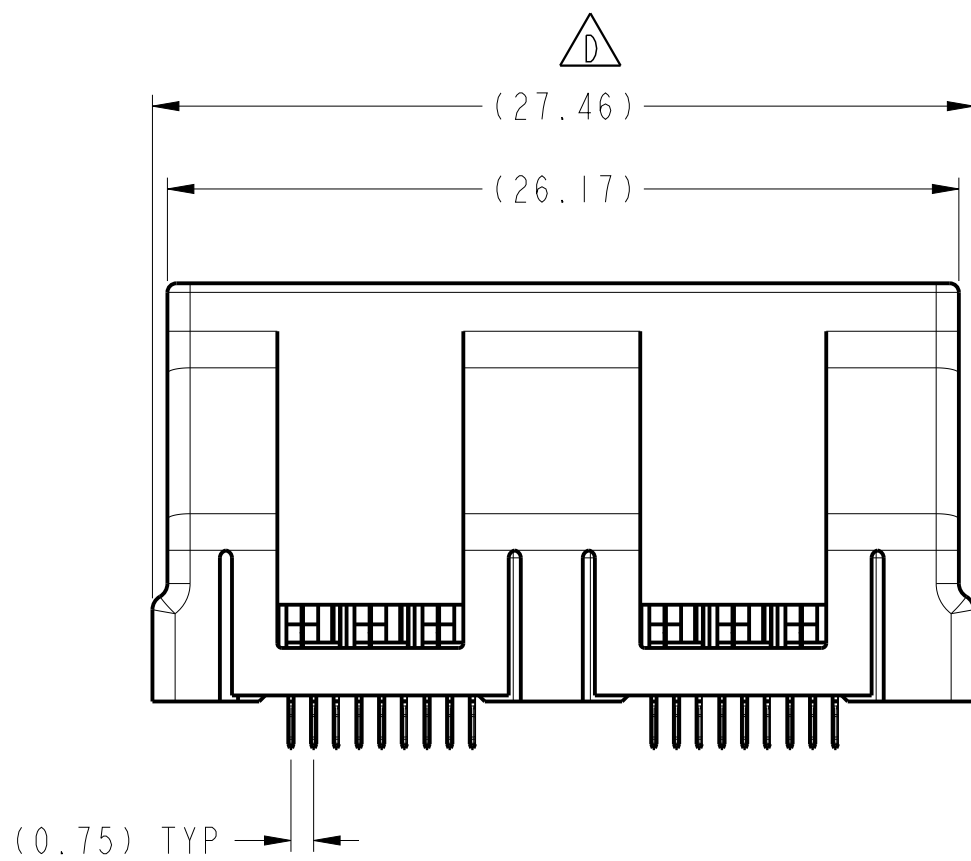
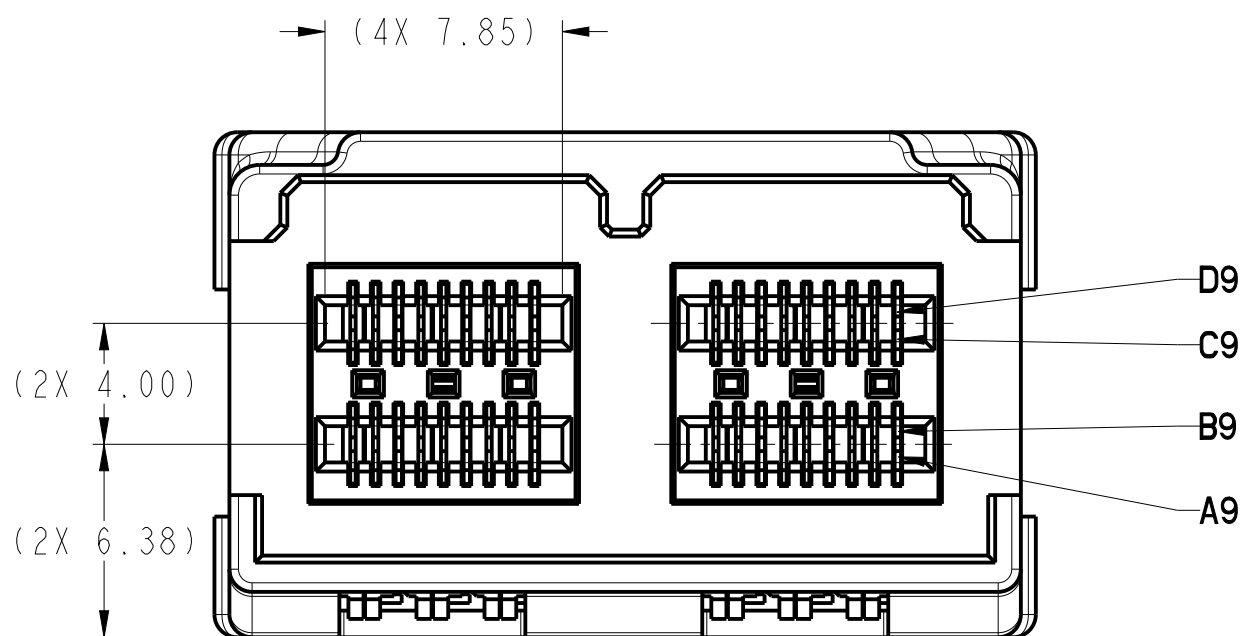


PRODUCT NUMBER	PLATING OPT.
10120667-101	OPTION 1
10120667-101LF	OPTION 2



NOTES:

1. CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
TERMINALS: COPPER ALLOY

2. 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.

3. PRODUCT SPECIFICATION: GS-12-650
APPLICATION SPECIFICATION: GS-20-0356
PACKING SPECIFICATION: GS-14-1490

4. MOUNTING HARDWARE: M2 X 0.91 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: PCB THICKNESS + 2.54mm MAX.

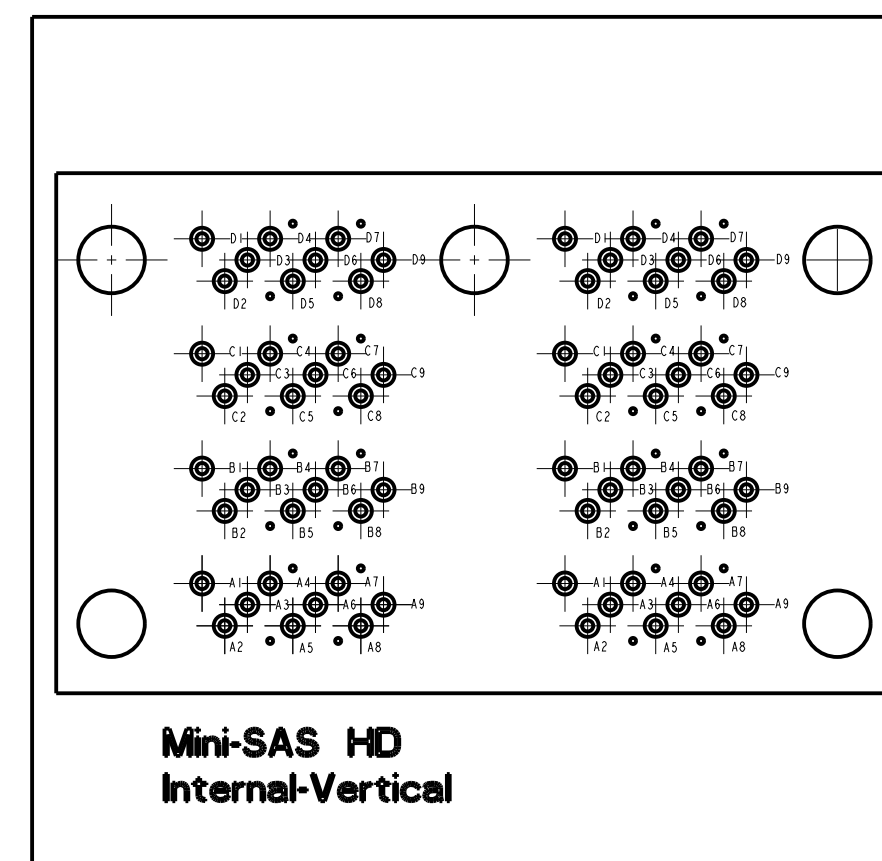
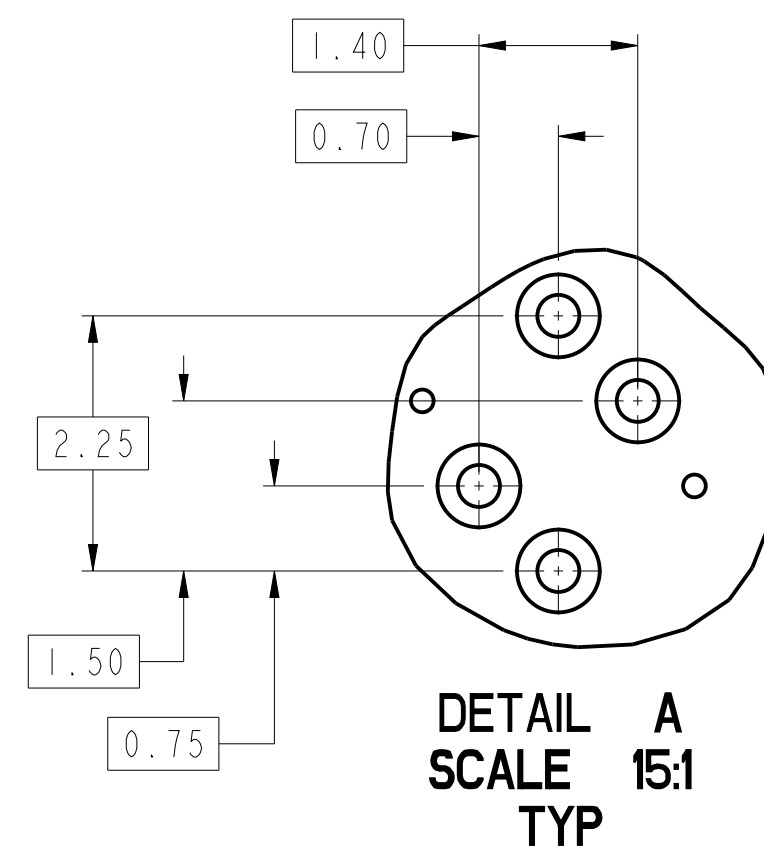
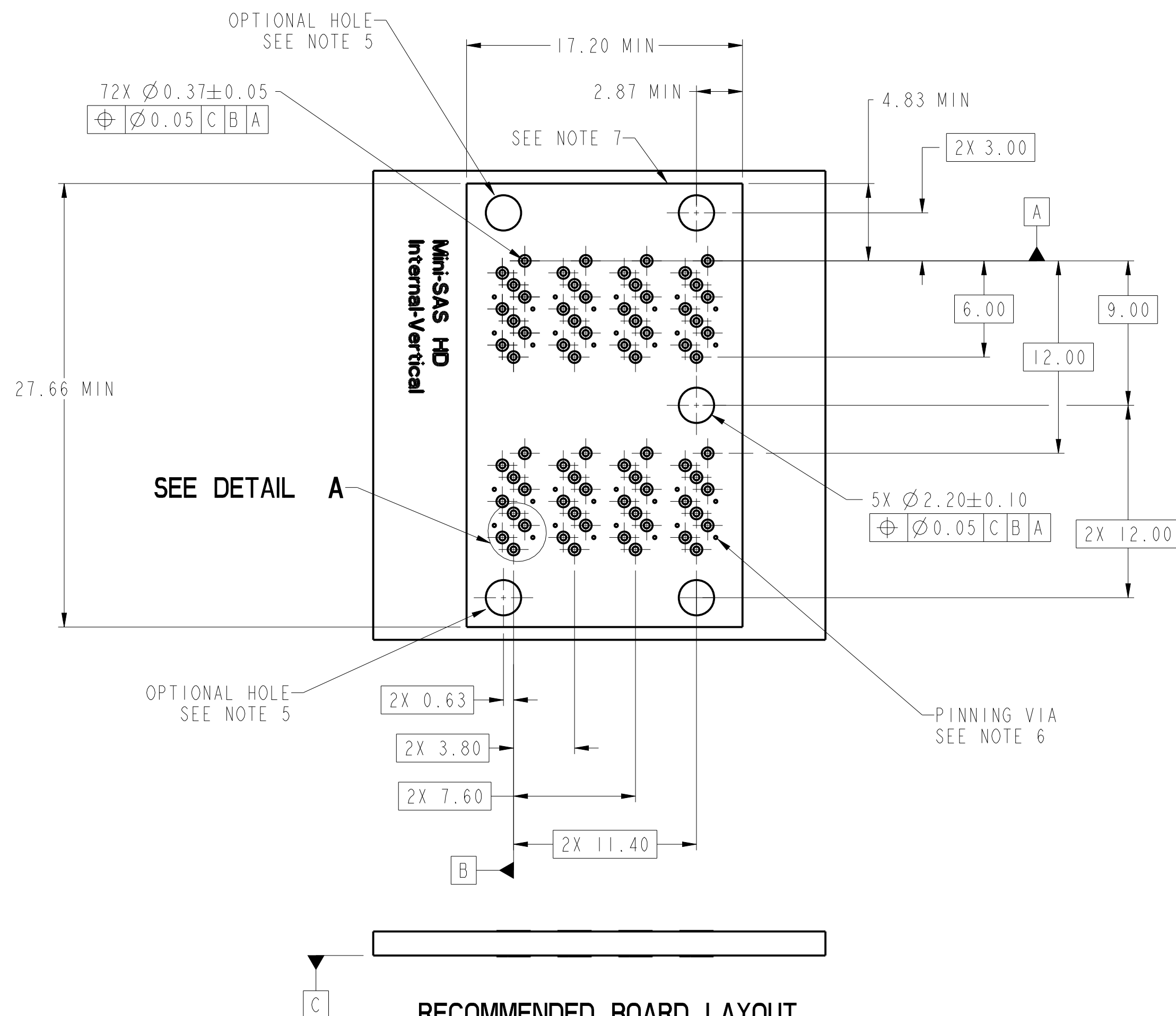
5. THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENT OF
INDUSTRY SPECIFICATION SFF-8643.

spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Zhao Peter	2013/08/02	chr	-	ecn no	ELX-DG-15409-1	rel level	Released
surface	✓	appr	Collins Lu	2013/08/02	product family	INTERNAL VERTICAL ASSEMBLY	dwg no	10120667	rev	D
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±	angular	0°	±1/2°
www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4				

PDS: Rev :D

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1X2
PIN OUT DESIGNATIONS
ROTATED 90°

NOTES:

1. RECOMMENDED DRILL SIZE FOR A Ø0.37 FINISHED PTH IS Ø0.457 (#77 DRILL).
2. RECOMMENDED ANNULAR RING AROUND Ø0.37 FINISHED PTH IS Ø0.73.
3. MINIMUM RECOMMENDED SPACING : 14.00mm.
4. MINIMUM PCB THICKNESS : 1.57mm.
5. USE OF HOLE IS OPTIONAL 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

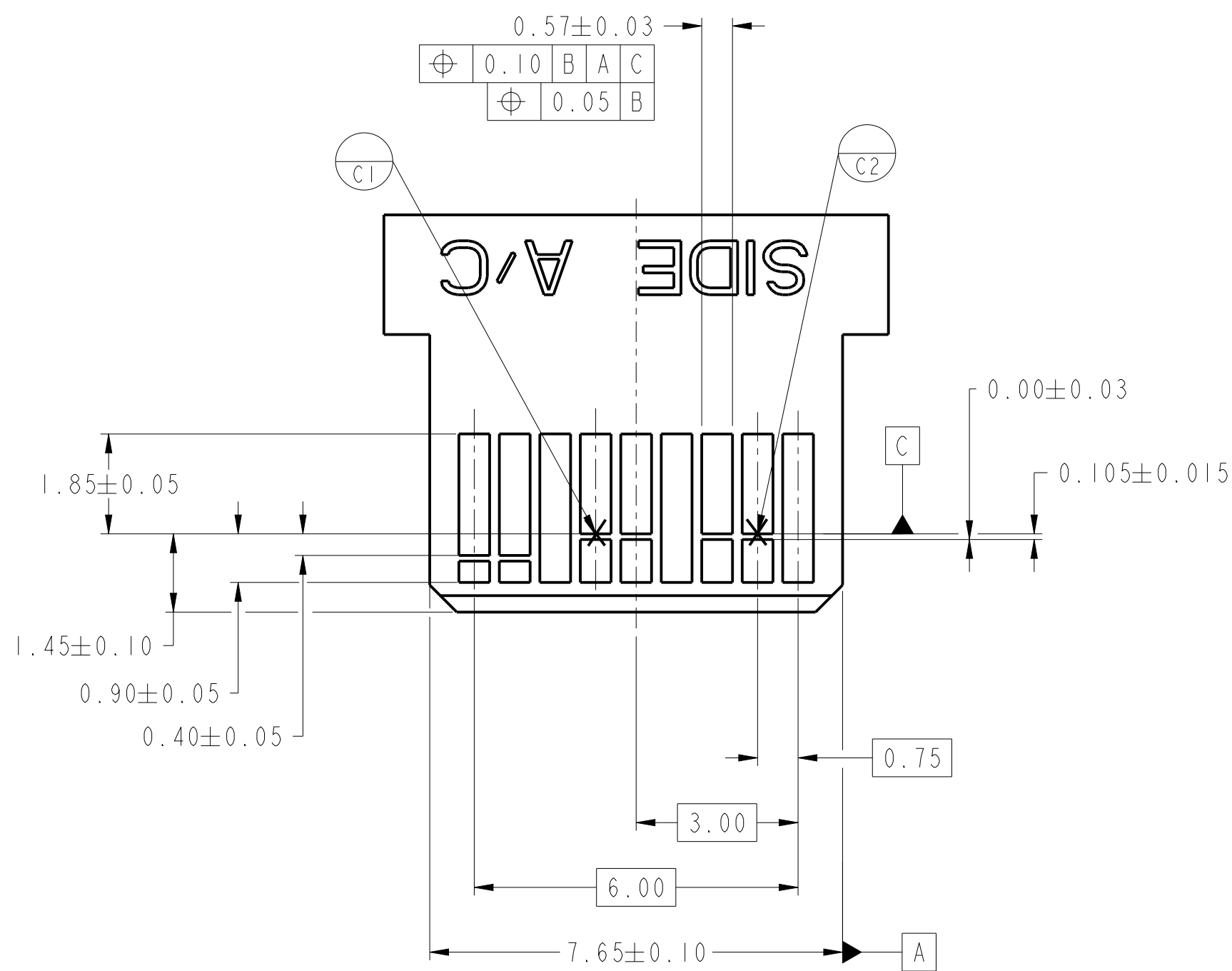
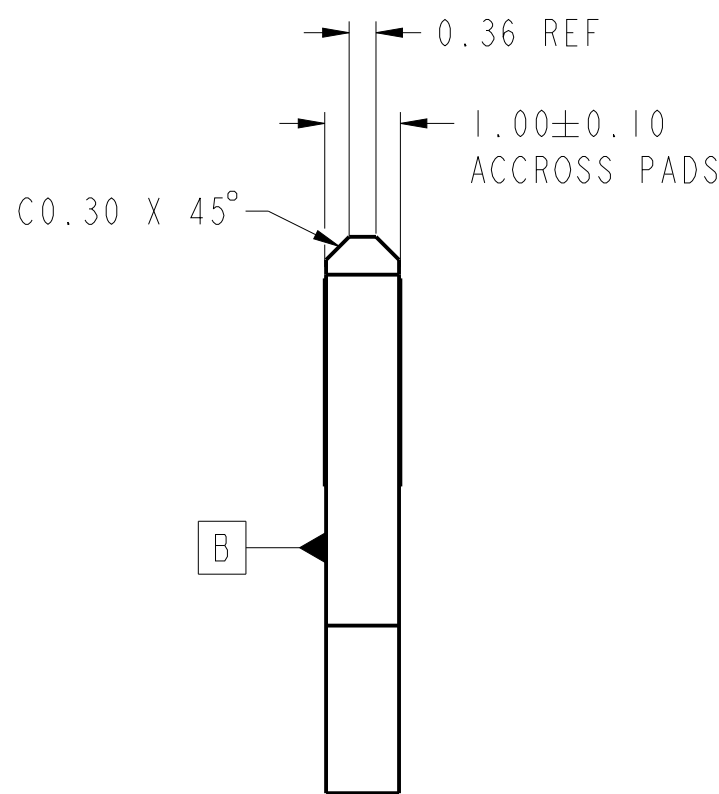
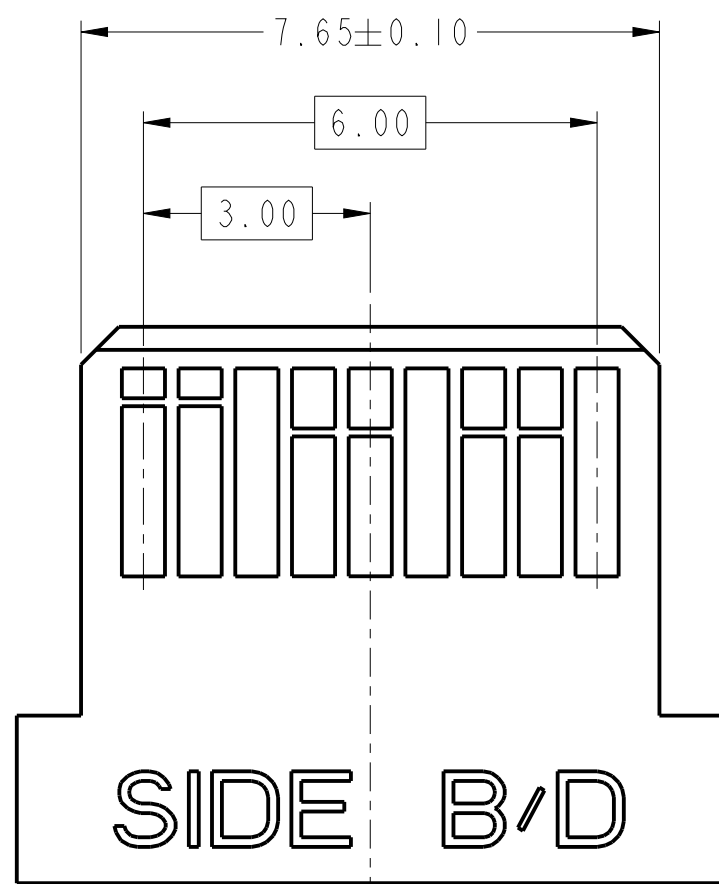
RECOMMENDED BOARD LAYOUT
SCALE 8:1

spec ref		-		dr		Deborah Ingram		2012/04/10		projection				MM		size		A2		scale		4:1	
tolerance std		ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Zhao Peter		2013/08/02		chr		-		ecn no		ELX-DG-15409-1		rel level		Released	
surface		✓		linear		0.X		±0.25		FCI		INTERNAL VERTICAL ASSEMBLY		dwg no		10120667		rev		D			
ASME Y14.5		angular		0°		±1/2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 4									

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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.

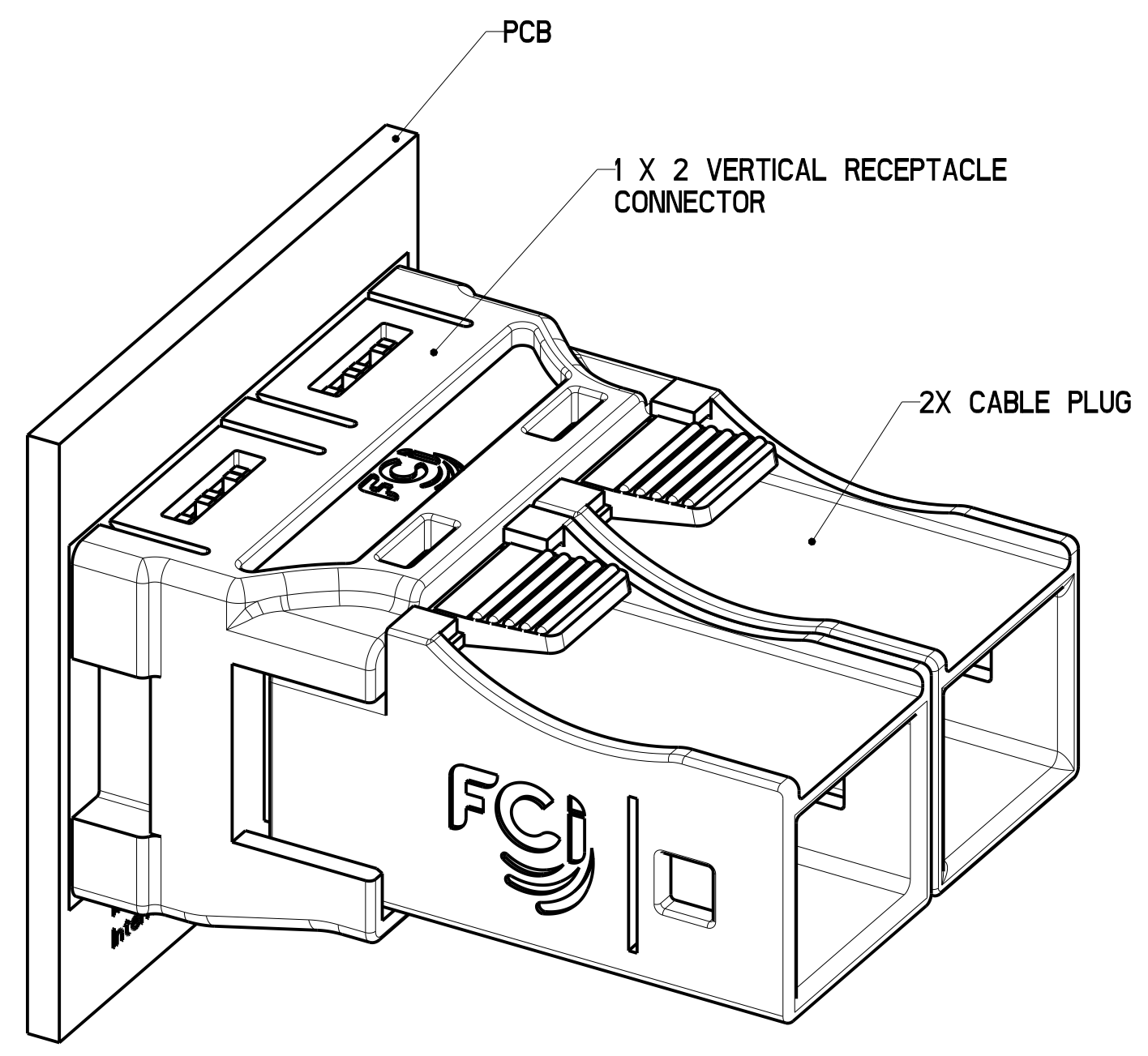
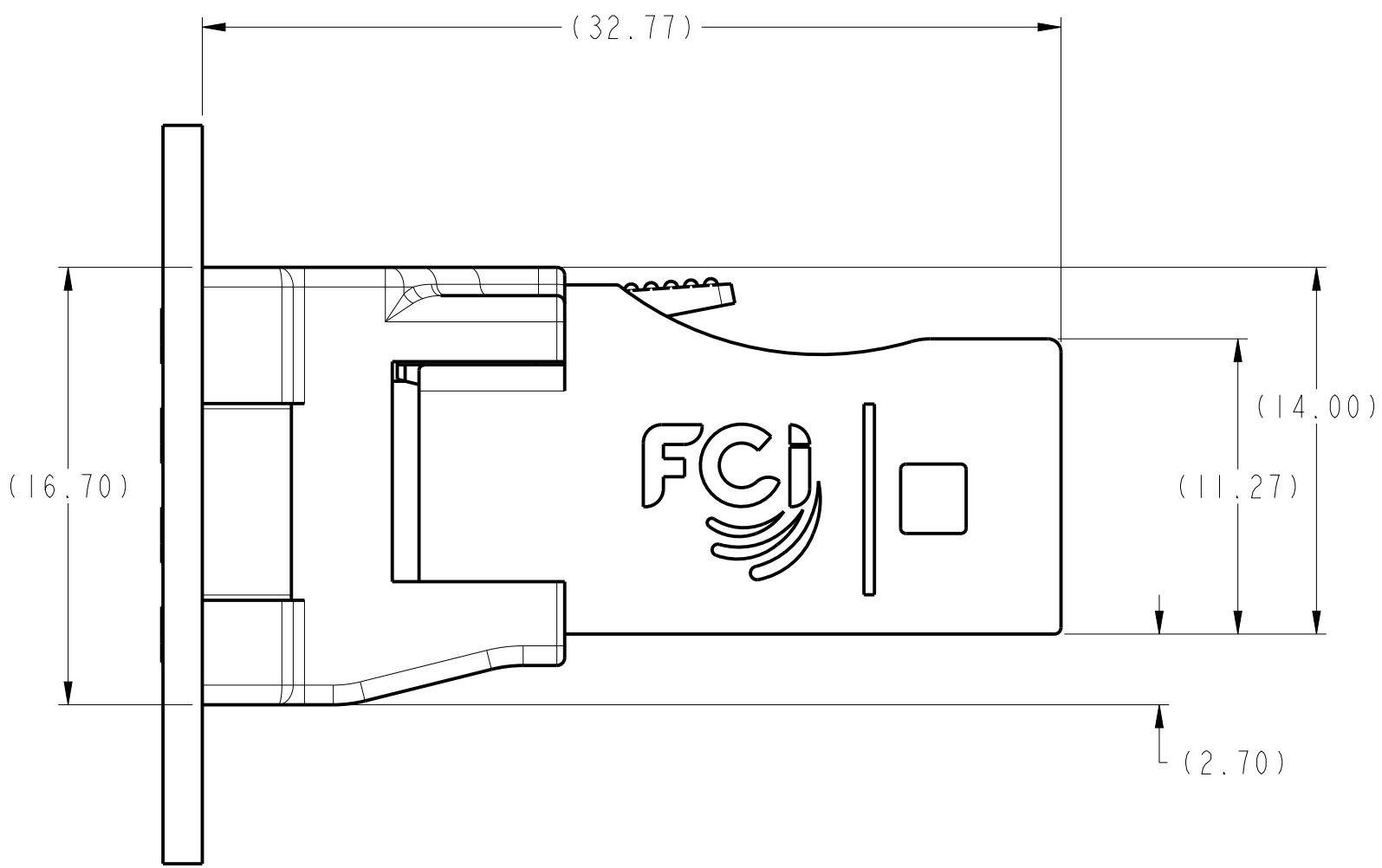
PRELIMINARY

spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Zhao Peter	2013/08/02	chr	-	ecn no	ELX-DG-15409-1	rel level	Released
surface	✓	appr	Collins Lu	2013/08/02	product family	INTERNAL VERTICAL ASSEMBLY	cat. no.	10120667	rev	D
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.13	0.XXX	±-	angular	0°	±1/2°
www.fci.com			Product - Customer Drw			sheet 3 of 4				

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PRELIMINARY

spec ref	-	dr	Deborah Ingram	2012/04/10	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Zhao Peter	2013/08/02	chr	-	ecn no	ELX-DG-15409-1	rel level	Released
surface	✓	appr	Collins Lu	2013/08/02	product family	INTERNAL VERTICAL ASSEMBLY	dwg no	10120667	rev	D
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	www.fci.com	cat. no.	Product - Customer Drw	sheet 4 of 4					