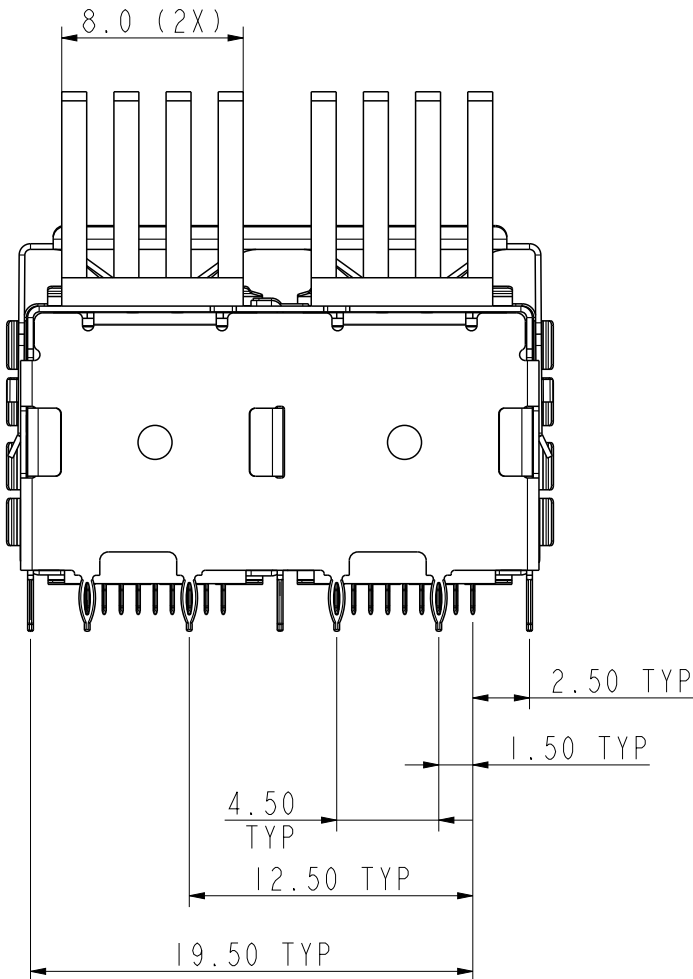
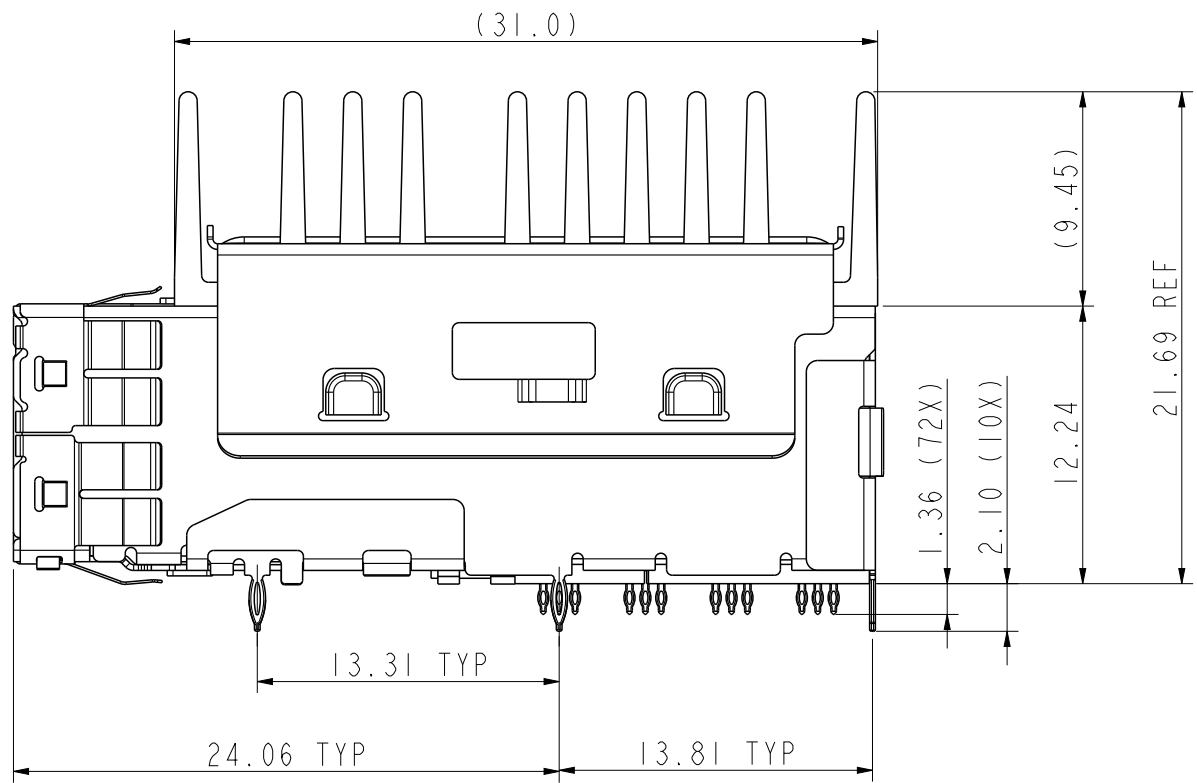
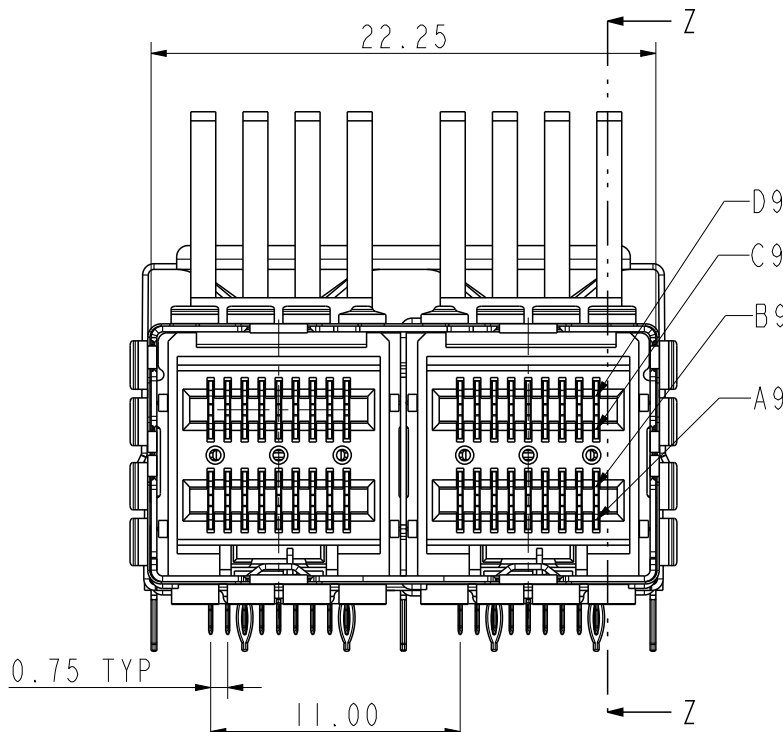
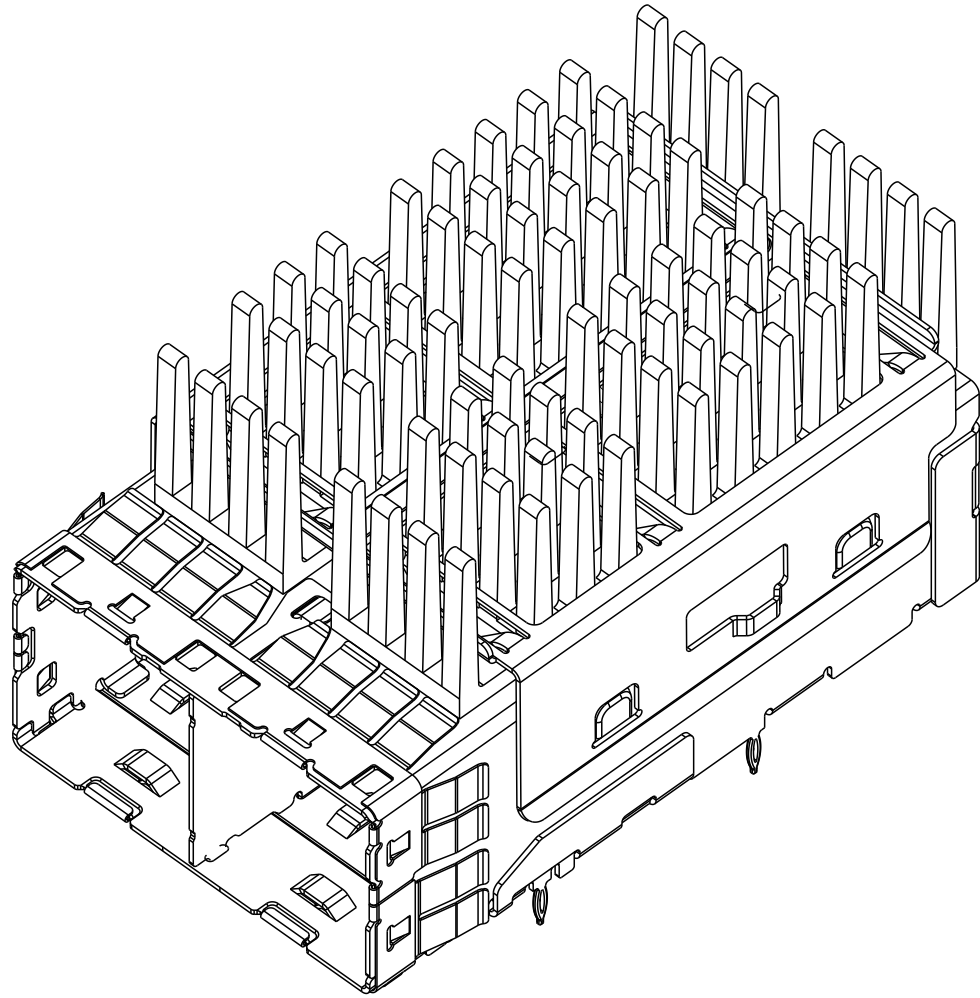
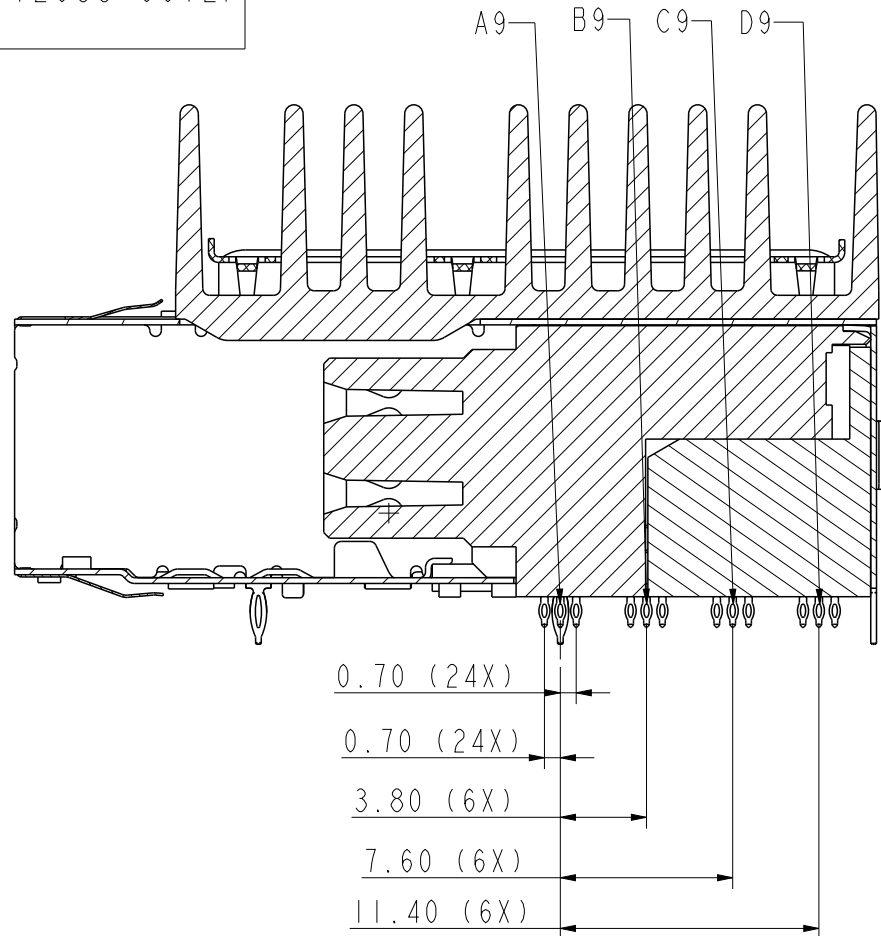
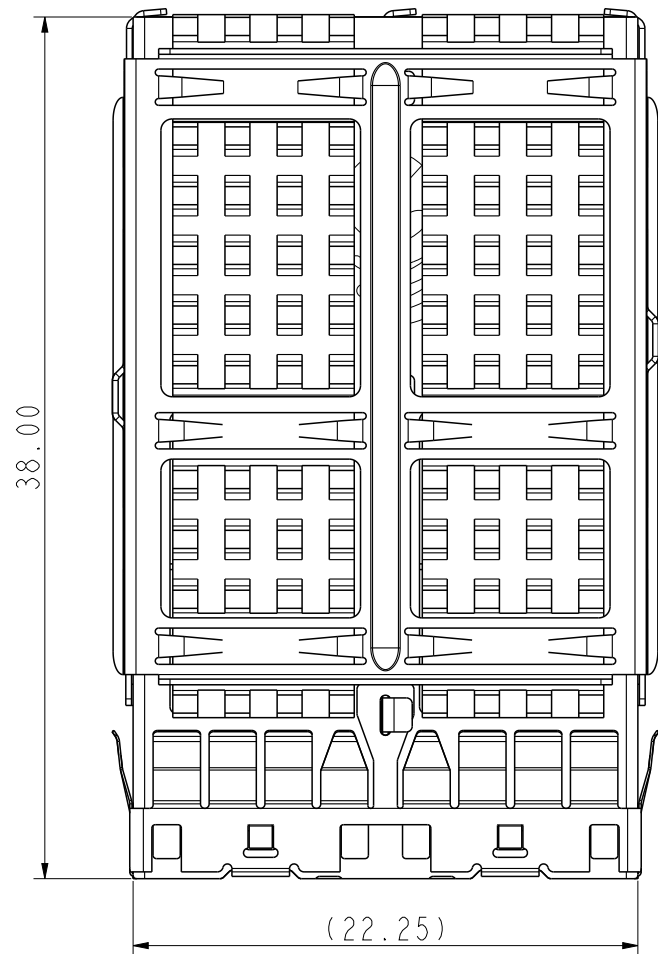


1	2	3	4	5	6	7	8
PRODUCT NUMBER	TAIL PLATING OPTION, SEE NOTE 2	1X2 EXTERNAL ASSEMBLY WITH WINDOWS	HEAT SINK MOUNTING CLIP(1X2)	HEAT SINK			
10112630-101	OPTION 1	10112627-103	10112656-002LF	10112655-001LF			
10112630-101LF	OPTION 2	10112627-103LF					



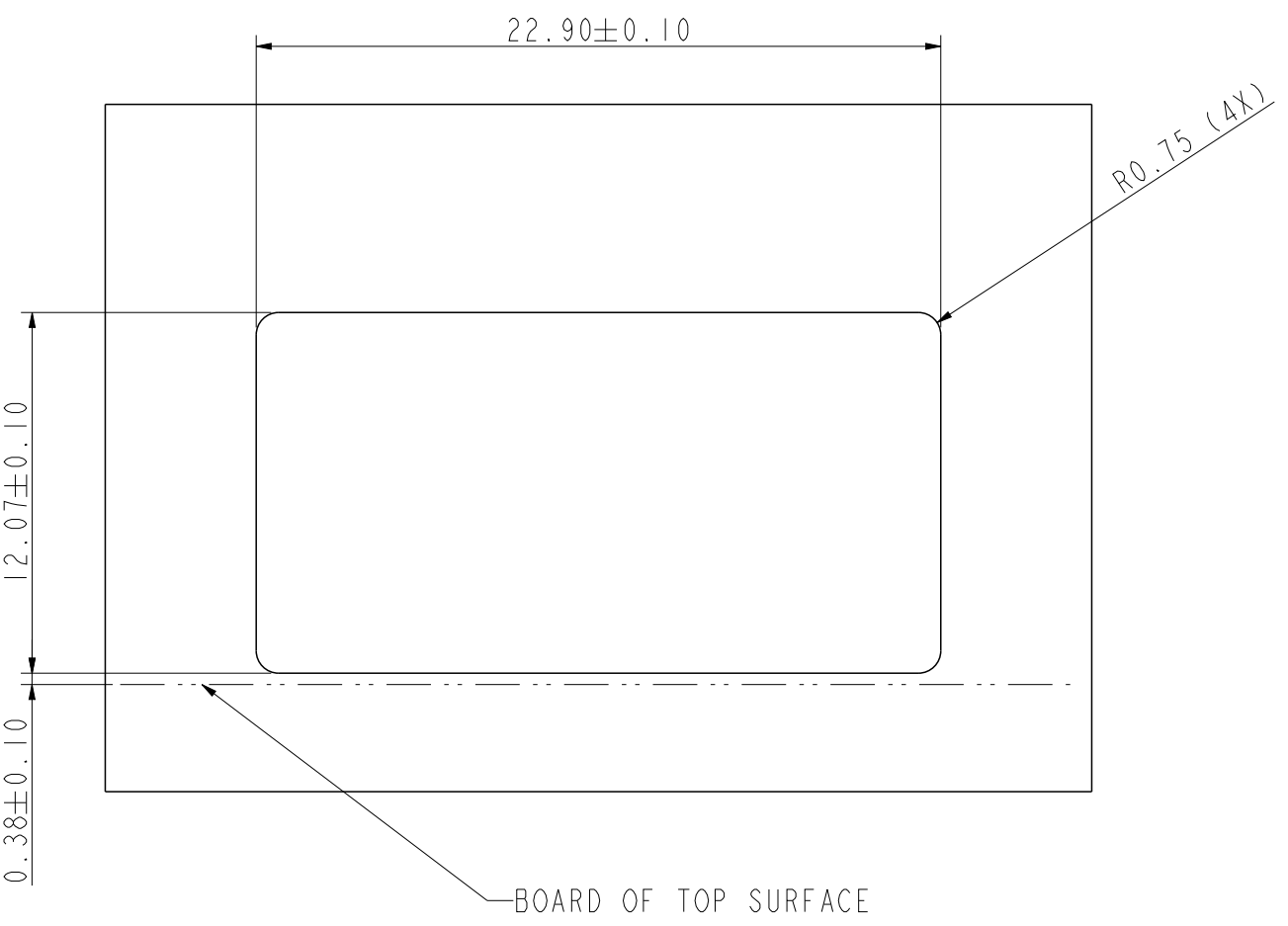
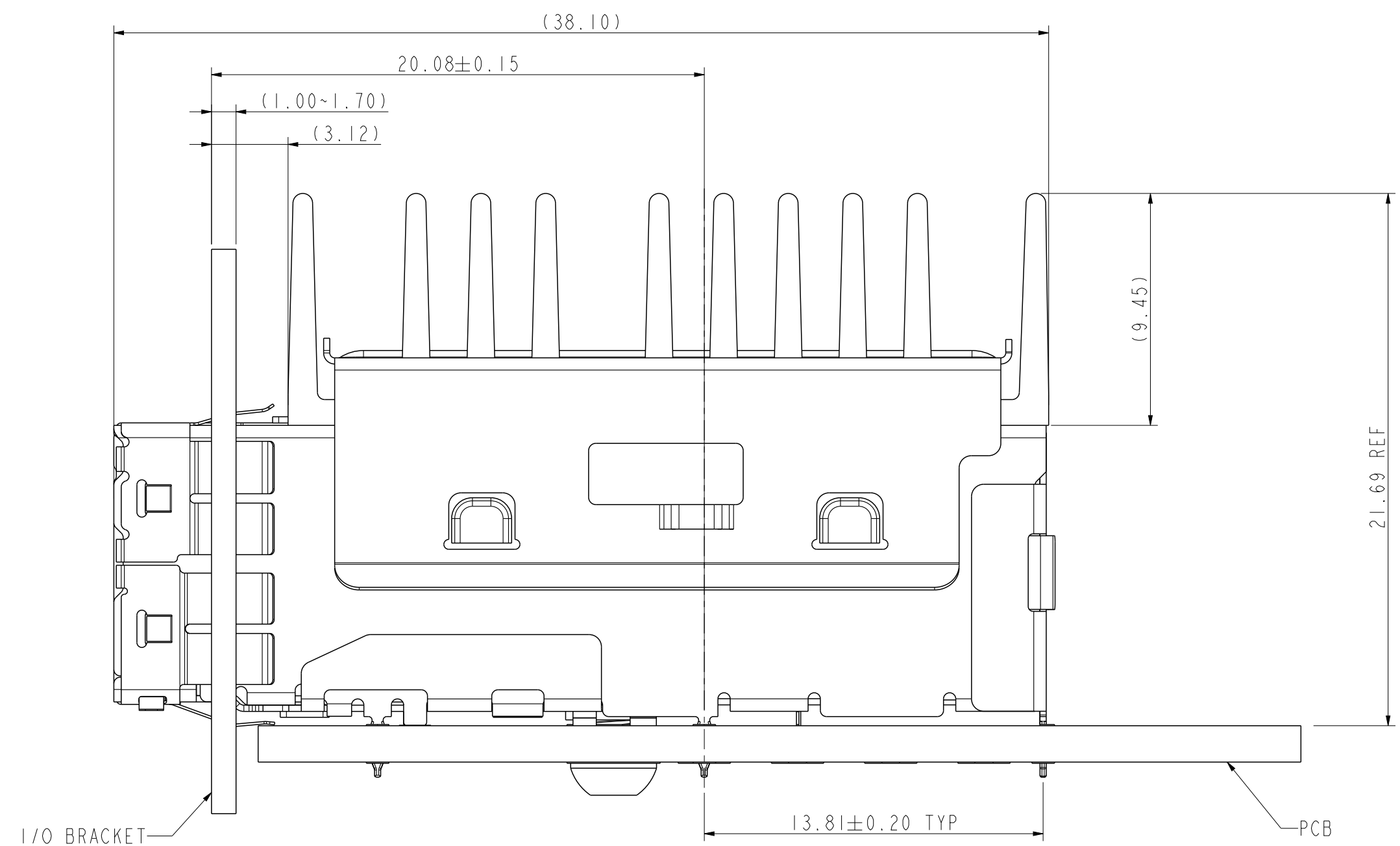
- NOTES:
- MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY
HEAT SINK CLIP: STAINLESS STEEL
HEAT SINK: ALUMINIUM ALLOY
 - FINISHES:
EMI FINGERS: 0.50um MIN NICKEL
CONTACT AREA: 0.76um MIN GOLD OVER 2.54um MIN NICKEL
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-12-651.
 - PRODUCT PACKING SPECIFICATION: GS-14-1490.
EXTERNAL ASSEMBLY WITH WINDOWS WILL BE IN ONE BOX.
HEAT SINK AND HEAT SINK MOUNTING CLIP WILL BE IN EACH ONE BOX.
TOTTALL THREE BOXS WILL BE IN A MASTER CARTON.
 - APPLICATION SPECIFICATION: GS-20-0327.
 - MOUNTING HARDWARE: M2X0.4 BUTTON HEAD SCREW
MOUNTING SCREW LENGTH: BOARD THICKNESS + 1.4mm MAX (0.9mm MIN).
2 REQUIRED PER ASSEMBLY.
MOUNTING HARDWARE NOT SUPPLIED.
 - THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF
INDUSTRY SPECIFICATION SFF-8644.
 - HEAT SINK AND HEAT SINK MOUNTING CLIP FINAL ASSEMBLY
AFTER EXTERNAL ASSEMBLY WITH WINDOW APPLIED TO PCB.

MATES WITH MINI-SAS HD ENDS IN:
10112041 SERIES (4X)
10117771 SERIES (4X)
10117946 SERIES (4X)
10117949 SERIES (4X)
10117947 SERIES (8X)
10112359 SERIES (8X)
10117950 SERIES (8X)
10117948 SERIES (8X)

spec ref		-		dr		Qin De-Feng		2012/11/28		projection		MM		size		A2		scale		2.000			
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released	
ISO 1101				chr		Jon Qin		2013/03/11								product family		MINI-SAS HD					
surface		✓		linear		0.X		±0.5				title		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		dwg no		10112630		rev		A	
				0.XX		±0.3																	
ISOA 1302				angular		0°		±3°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 1 of 6			

EXTERNAL ASSEMBLY WITH
WINDOW APPLIED TO PCB
10112627-103 & 103LF

10112630-101 & 101LF
WITH HEAT SINKS
(HEAT SINK AND HEAT SINK
MOUNTING CLIP FINAL ASSEMBLY
BY CUSTOMER)



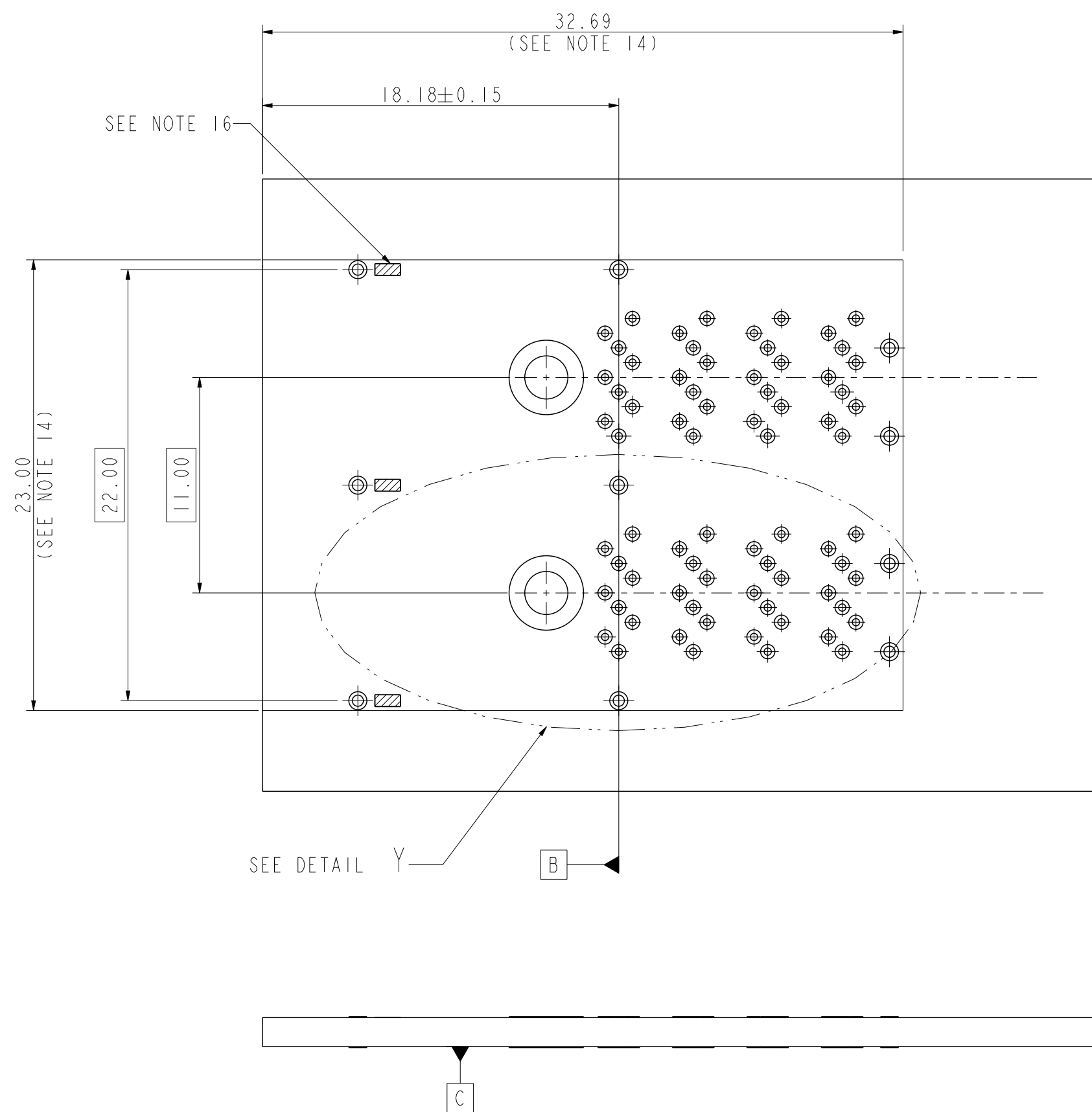
ASSEMBLED VIEW
WITH HEAT SINKS
SCALE 5:1

I/O BRACKET CUT OUT
(BRACKET NOT INCLUDED)

SCALE 4.000

spec ref		-		dr		Qin De-Feng		2012/11/28		projection		MM		size		A2		scale		1.000			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released			
chr				Jon Qin		2013/03/11		product family						MINI-SAS HD									
appr				Pei-Ming Zheng		2013/03/11																	
surface		✓		linear		0.X		±0.5				title		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		dwg no		10112630		rev		A	
				0.XX		±0.3																	
				0.XXX		±-																	
ISOA 1302				angular		0°		±3°		www.fci.com		cat. no.		-		Product- Customer Drw		sheet 2 of 6					

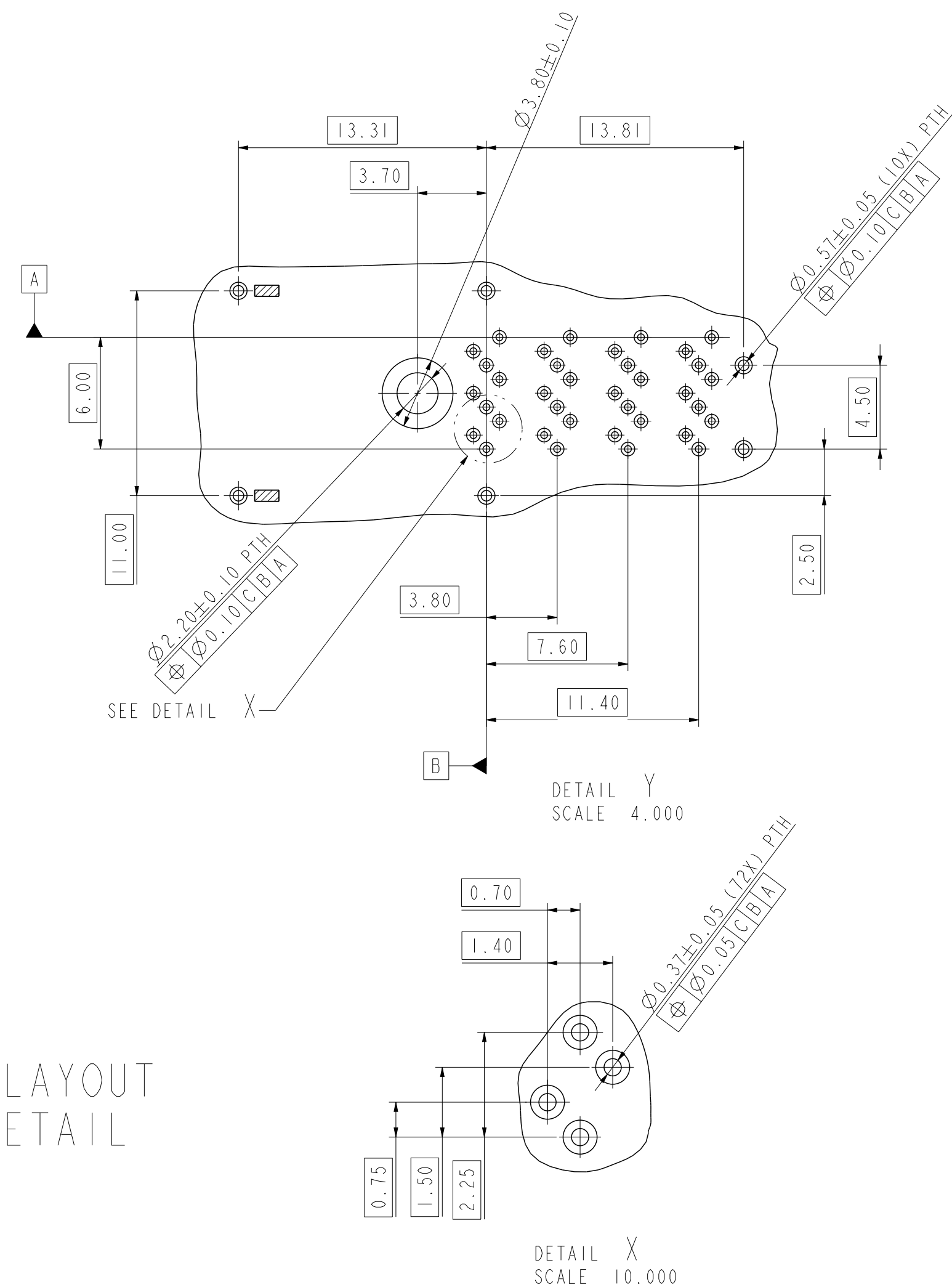
Copyright FCI.



RECOMMENDED BOARD LAYOUT
SEE SFF-8644 FOR DETAIL

NOTES:

9. RECOMMENDED DRILL SIZE FOR $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.457$.
10. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.37$ FINISHED PTH IS $\varnothing 0.73$.
11. RECOMMENDED DRILL SIZE FOR $\varnothing 0.57$ FINISHED PTH IS $\varnothing 0.68$.
12. RECOMMENDED ANNULAR RING AROUND $\varnothing 0.57$ FINISHED PTH IS $\varnothing 0.93$.
13. MINIMUM RECOMMENDED CENTER TO CENTER SPACING BETWEEN ADJACENT CONNECTORS: 25.00mm.
14. CONNECTOR KEEP OUT AREA.
15. MINIMUM PCB THICKNESS: 1.57mm.
16. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THE AREAS.



spec ref		-		dr		Qin De-Feng		2012/11/28		projection		MM		size		A2		scale		1.000			
tolerance std		ISO 406		ISO 1101		eng		Qin De-Feng		2013/03/11						ecn no		-		Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Jon Qin		2013/03/11		appr		Pei-Ming Zheng						2013/03/11		product family				MINI-SAS HD	
surface		✓		linear		0.X		±0.5				title		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		dwg no		10112630		rev			
				0.XX		±0.3																	
				0.XXX		±-																	
ISOA 1302		angular		0°		±3°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 6		A					

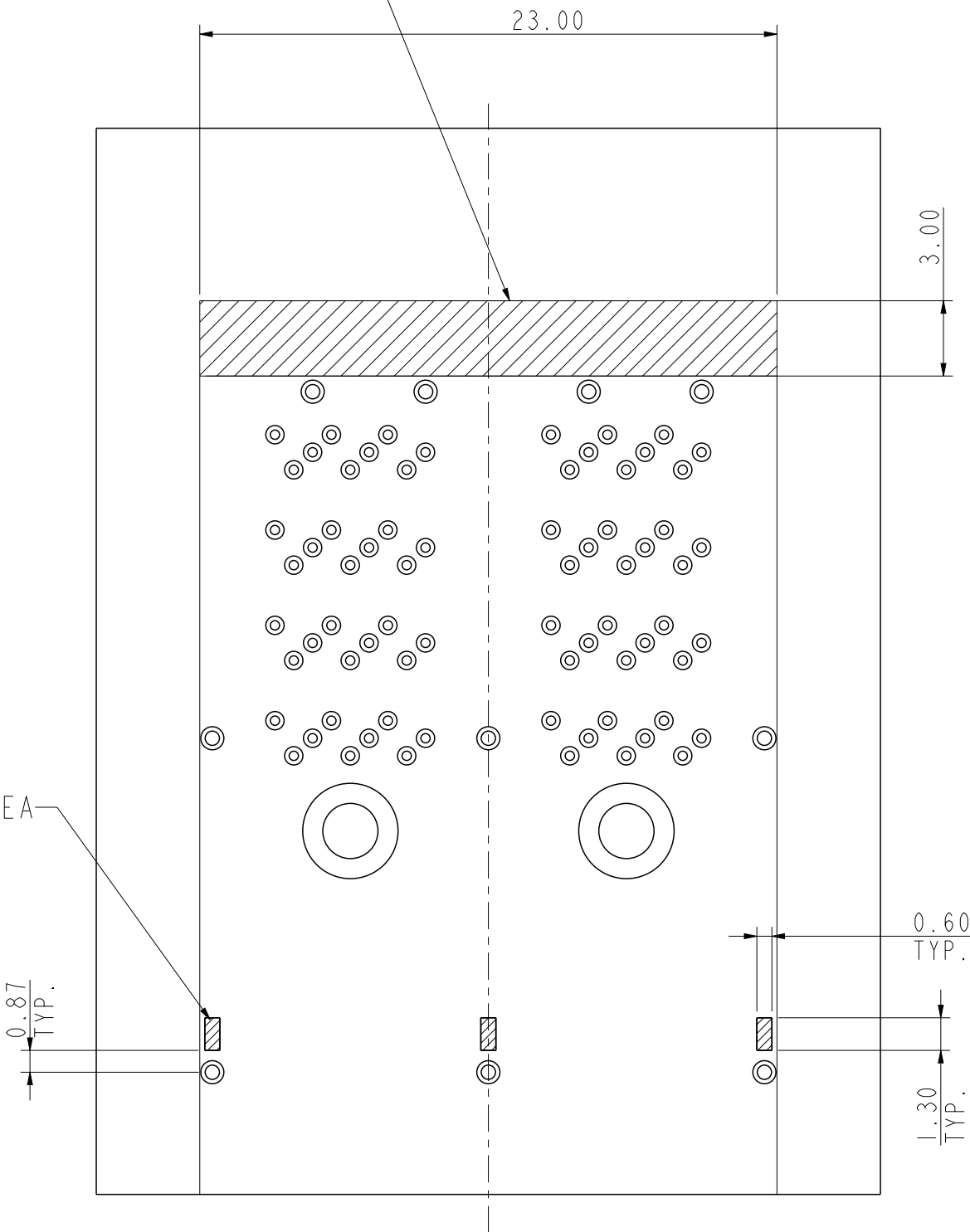
PDS: Rev :A

STATUS:Released

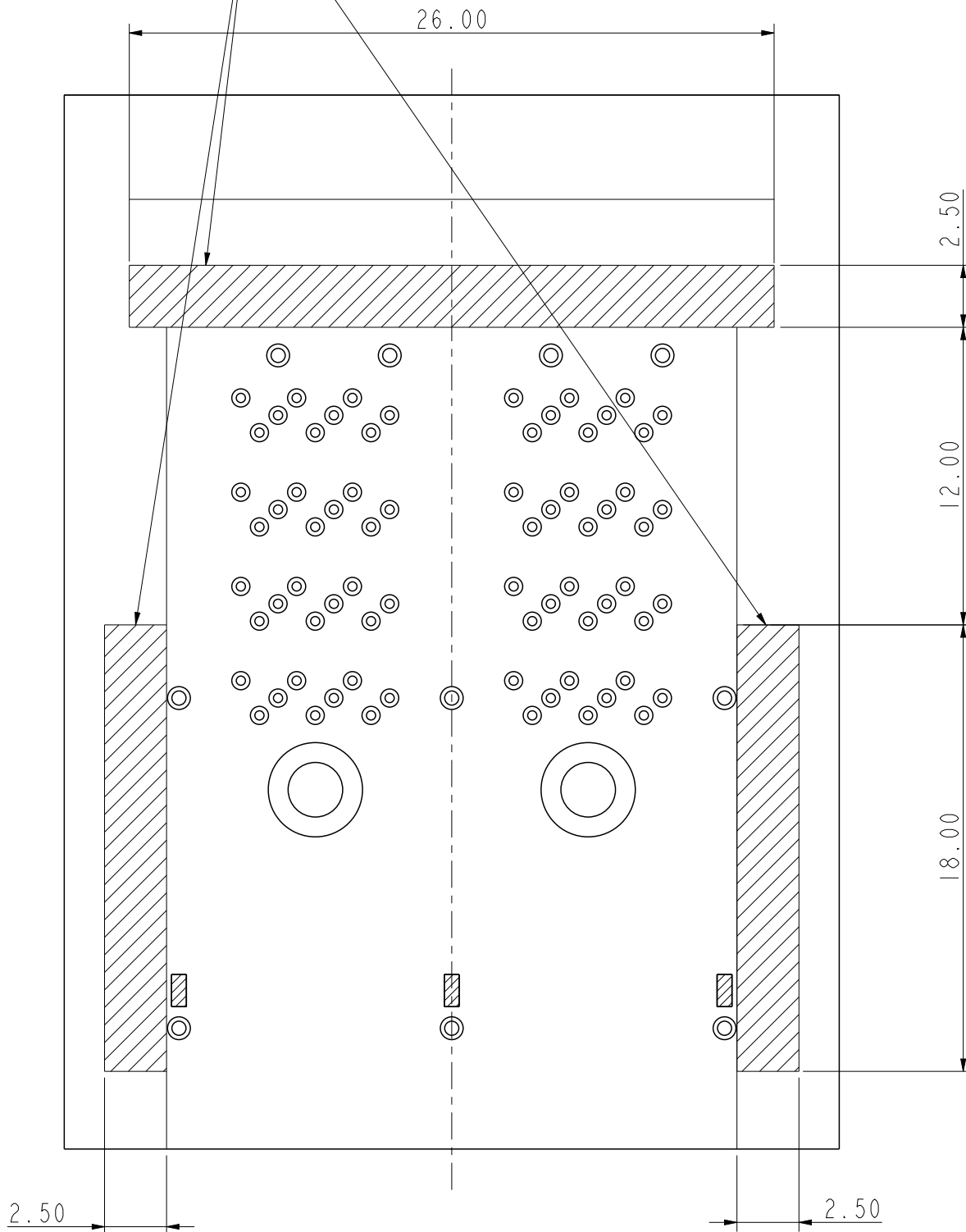
Printed: Mar 12, 2013

RECOMMENDED KEEP OUT AREAS

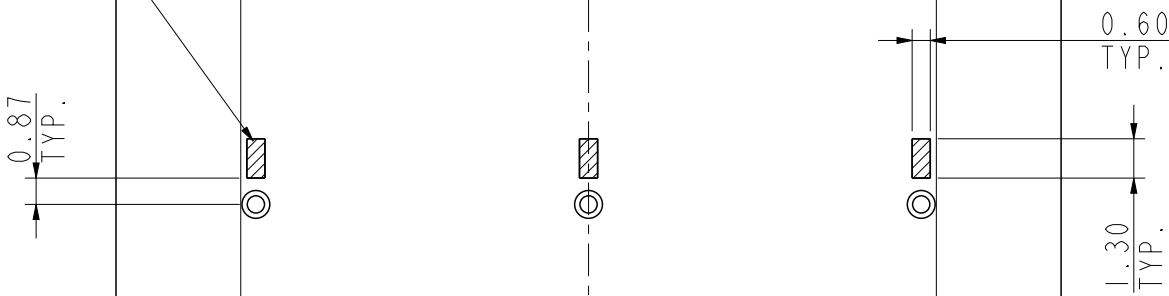
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50mm TALL



RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



CAGE STAND OFF KEEP OUT AREA



Copyright FCI.

spec ref	-	dr	Qin De-Feng	2012/11/28	projection	MM	size	A2	scale	1.000
tolerance std	ISO 406 ISO 1101	eng	Qin De-Feng	2013/03/11	chr	Jon Qin	ecn no	-	rel level	Released
surface	ISOA 1302	appr	Pei-Ming Zheng	2013/03/11	product family	MINI-SAS HD	cat. no.	10112630	rev	A
linear	0.X ±0.5 0.XX ±0.3 0.XXX ±-	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 6				
angular	0° ±3°									

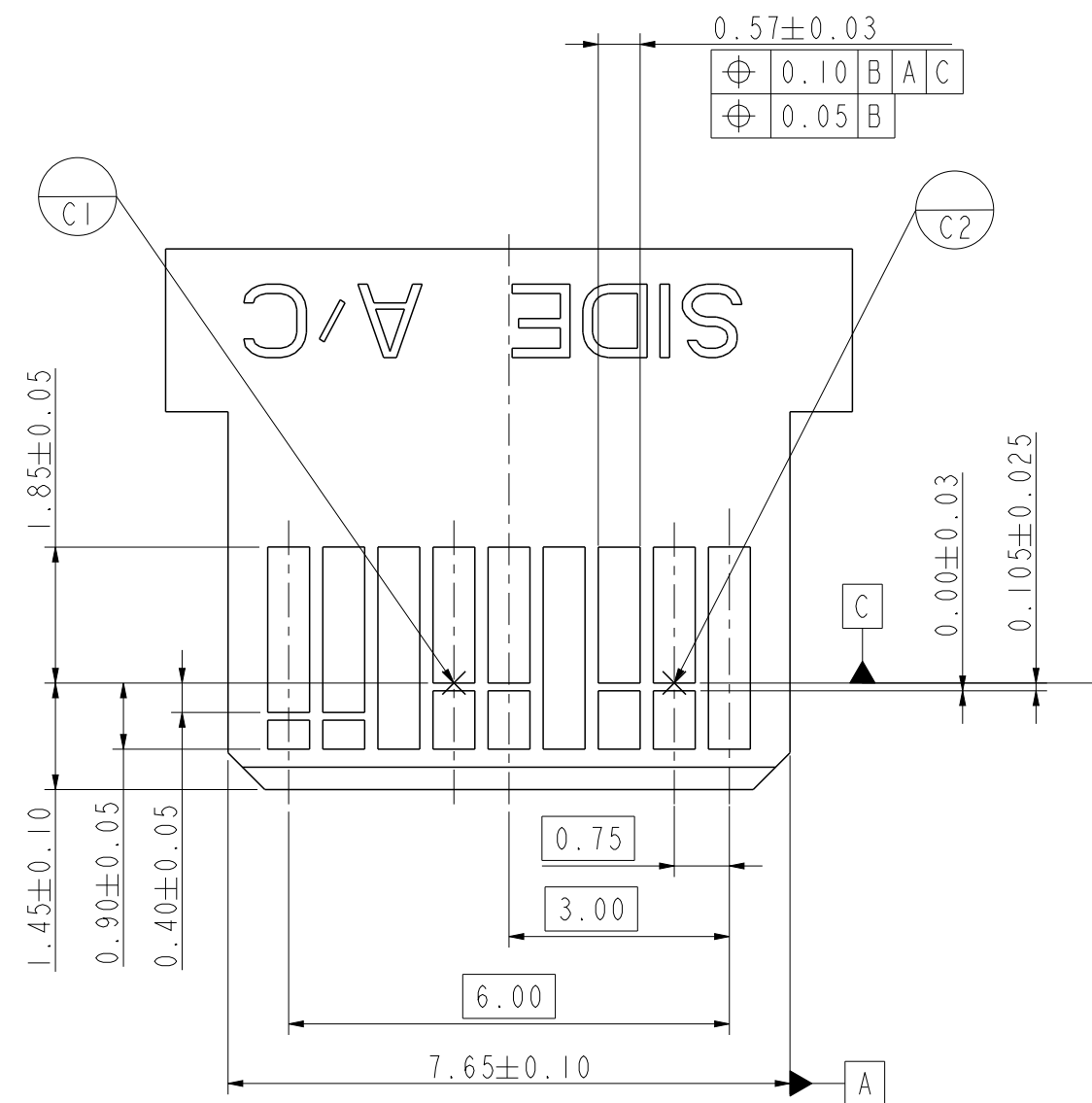
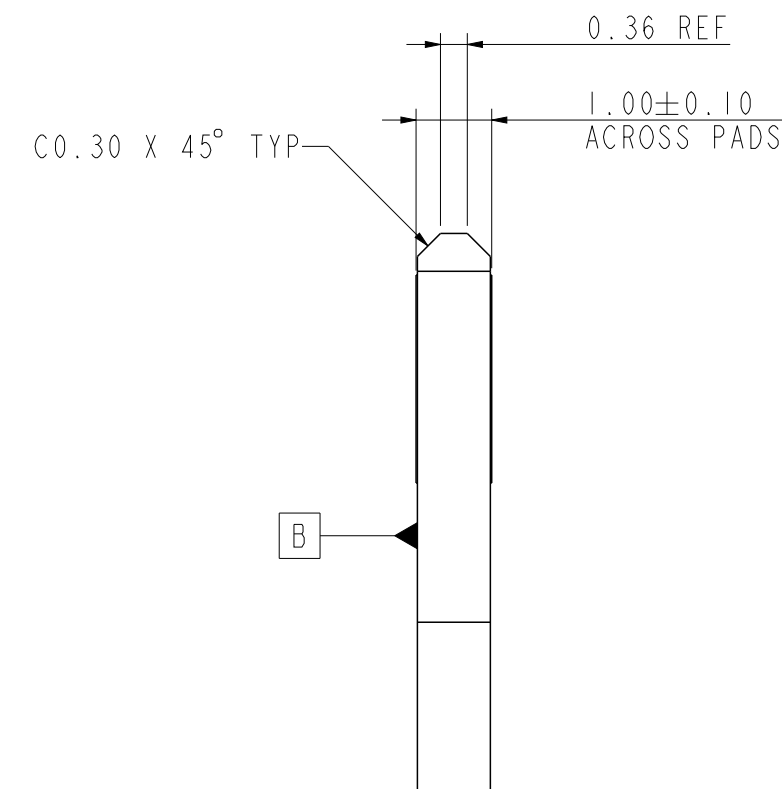
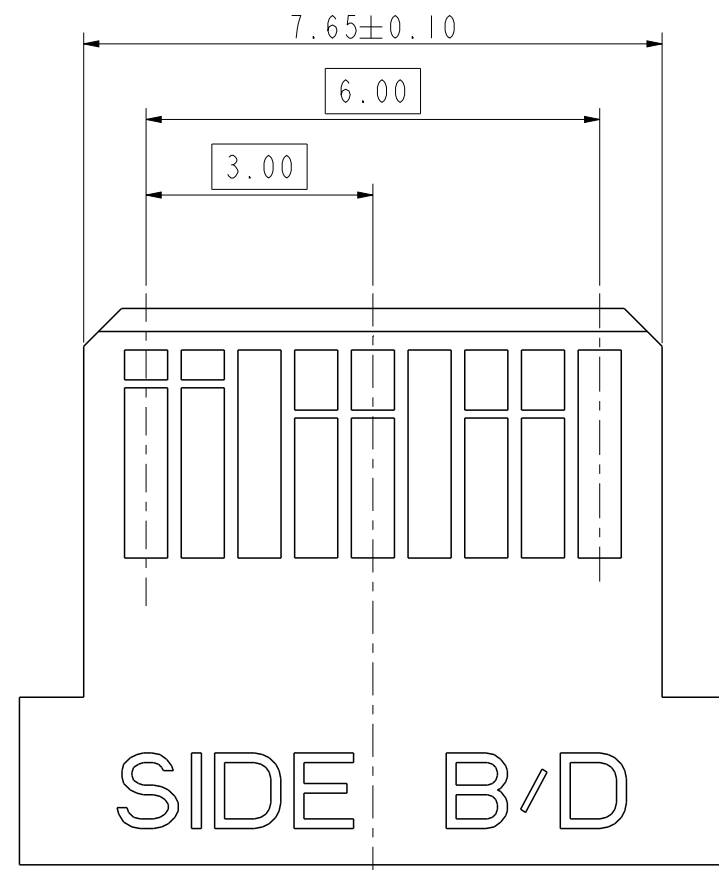
PDS: Rev :A

STATUS:Released

Printed: Mar 12, 2013

NOTES:

17. 0.05 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS.
18. DATUM C TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS.



RECOMMENDED PLUG PADDLE CARD
SEE SFF-8644 FOR DETAIL

spec ref		-		dr		Qin De-Feng		2012/11/28		projection		MM		size		A2		scale		1.000			
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Qin De-Feng		2013/03/11						ecn no		-		rel level		Released	
						chr		Jon Qin		2013/03/11				product family		MINI-SAS HD							
						appr		Pei-Ming Zheng		2013/03/11													
surface				linear		0.X		±0.5		0.XX		±0.3		0.XXX		±-		angular		0°		±3°	
ISOA 1302						FCI		1X2 EXTERNAL ASSEMBLY WITH HEAT SINK		MINI-SAS HD		dwg no		10112630		rev		A					
						www.fci.com		cat. no.		-		Product-		Customer Drw		sheet 6 of 6							

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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