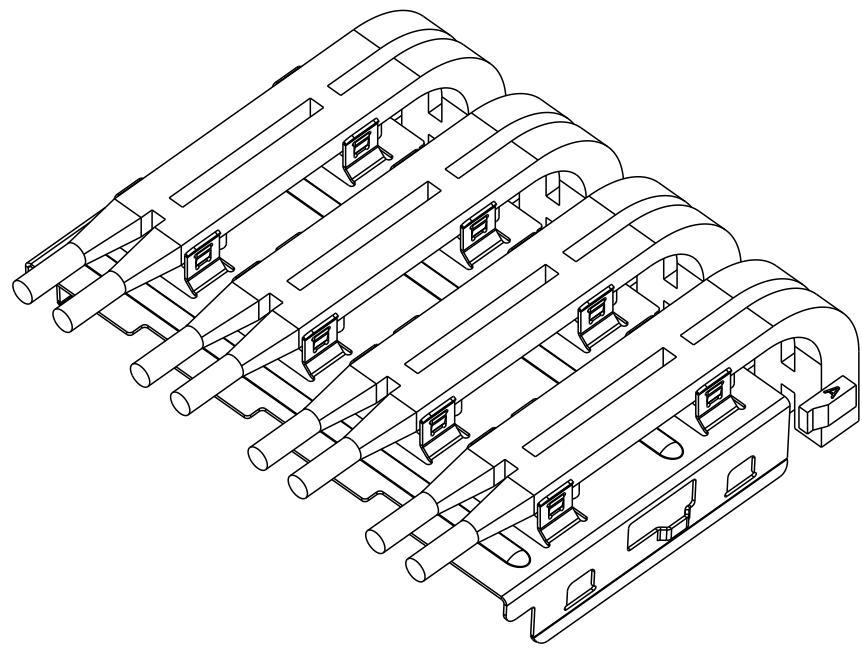
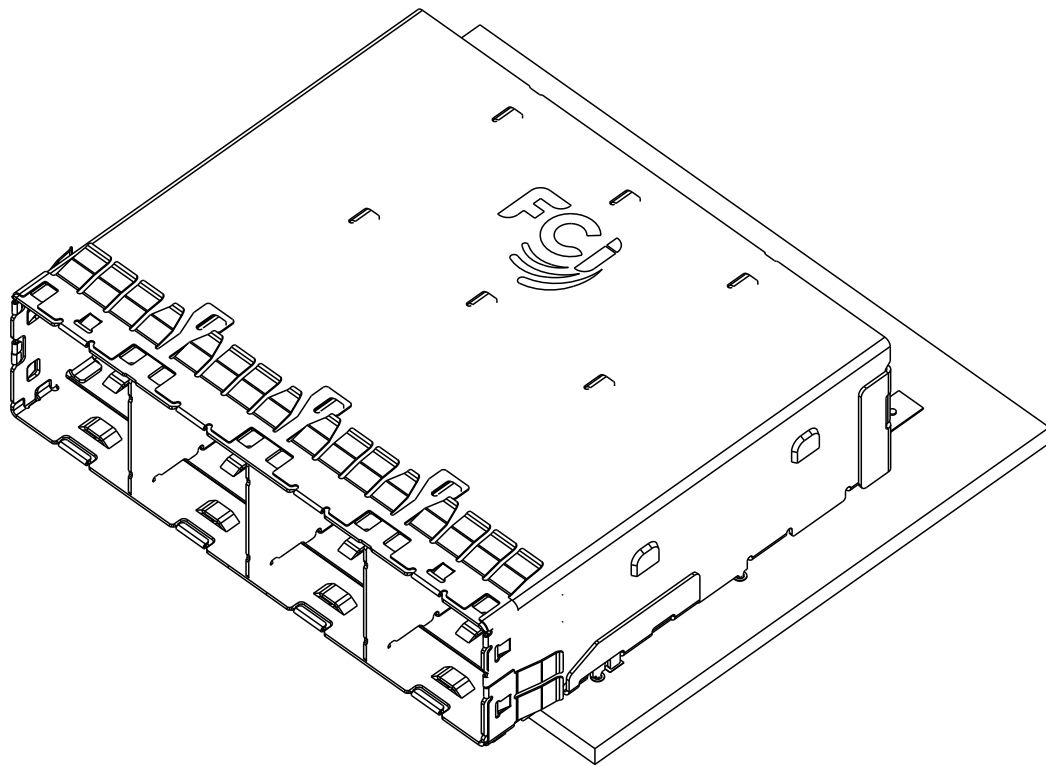


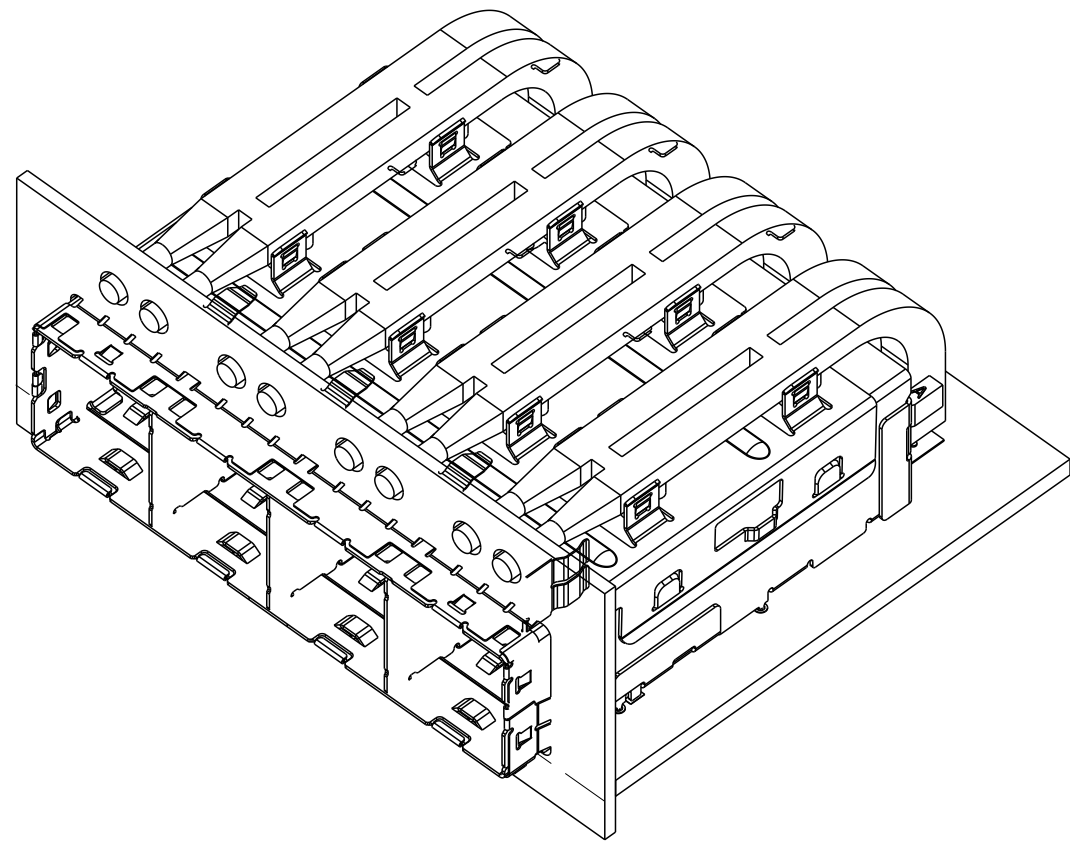
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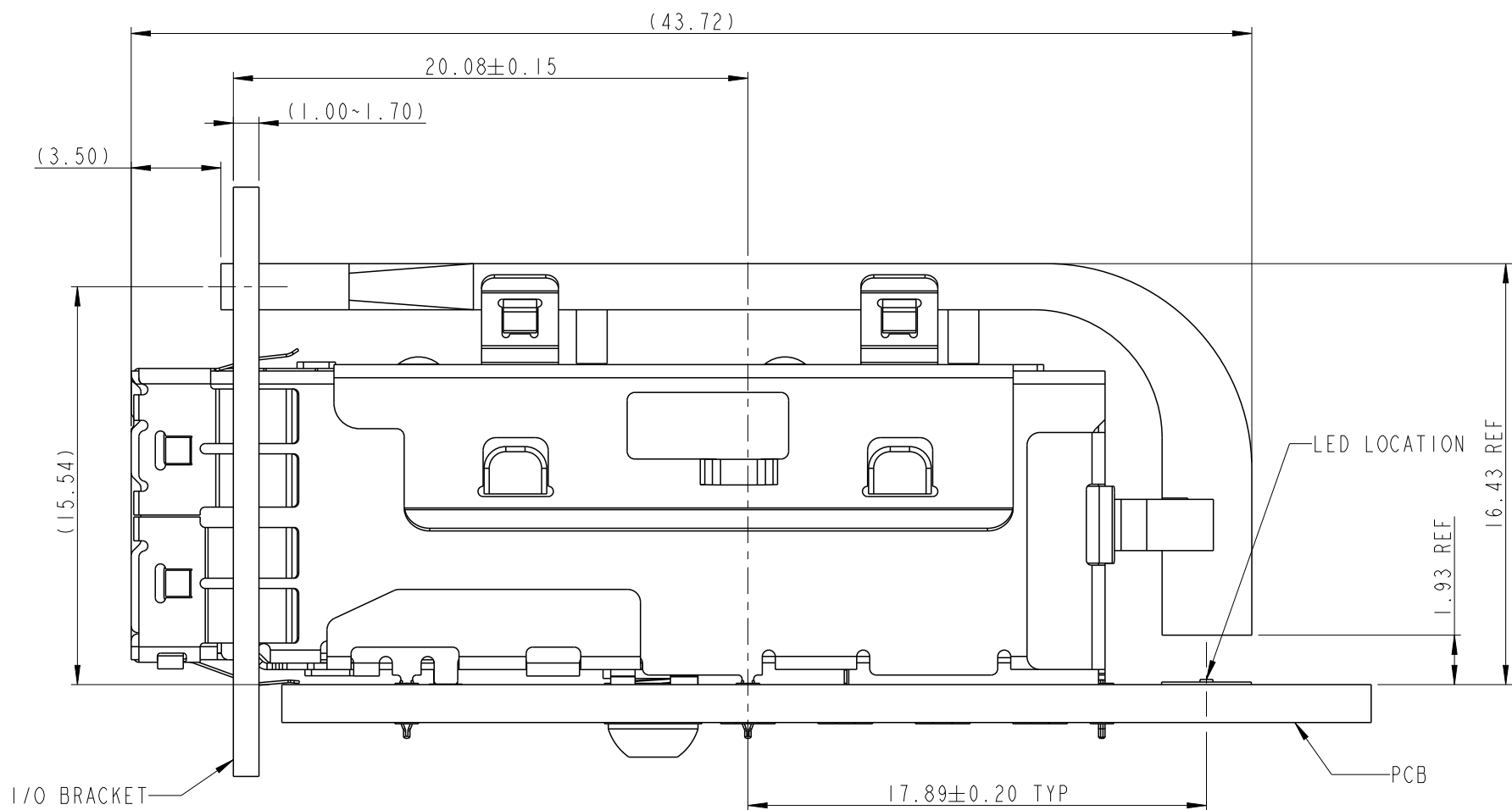
1X4 LIGHT PIPE SUB-ASSEMBLY
WITH MOUNTING CLIP
10121256-001LF SHOWN



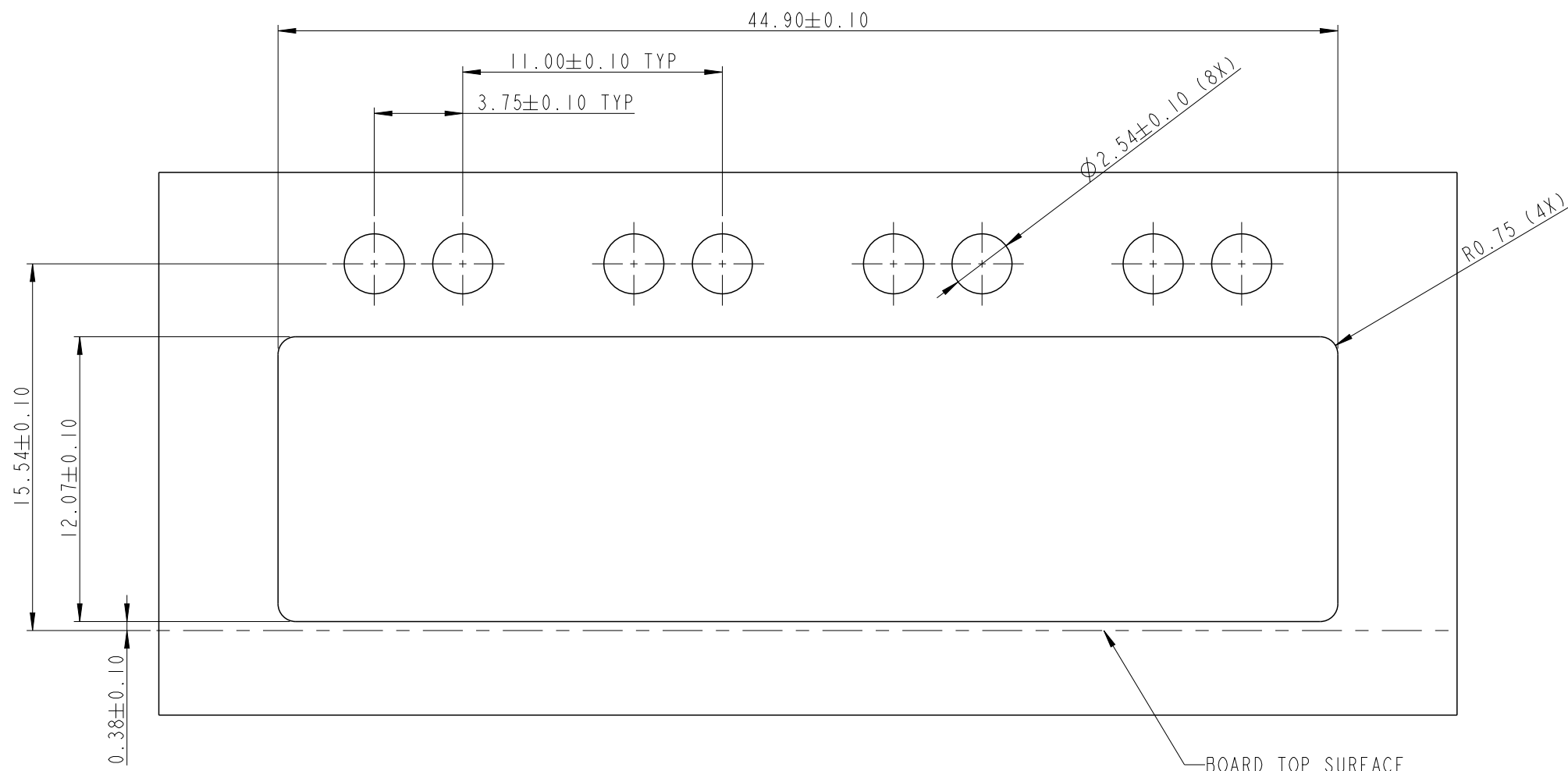
1X4 EXTERNAL ASSEMBLY
APPLIED TO PCB
10112628-101 & 101LF SHOWN



1X4 LIGHT PIPE SUB-ASSEMBLY
APPLIED TO CONNECTOR
10120728-101 & 101LF SHOWN
(LIGHT PIPE SUB-ASSEMBLY
FINAL ASSEMBLY BY CUSTOMER)

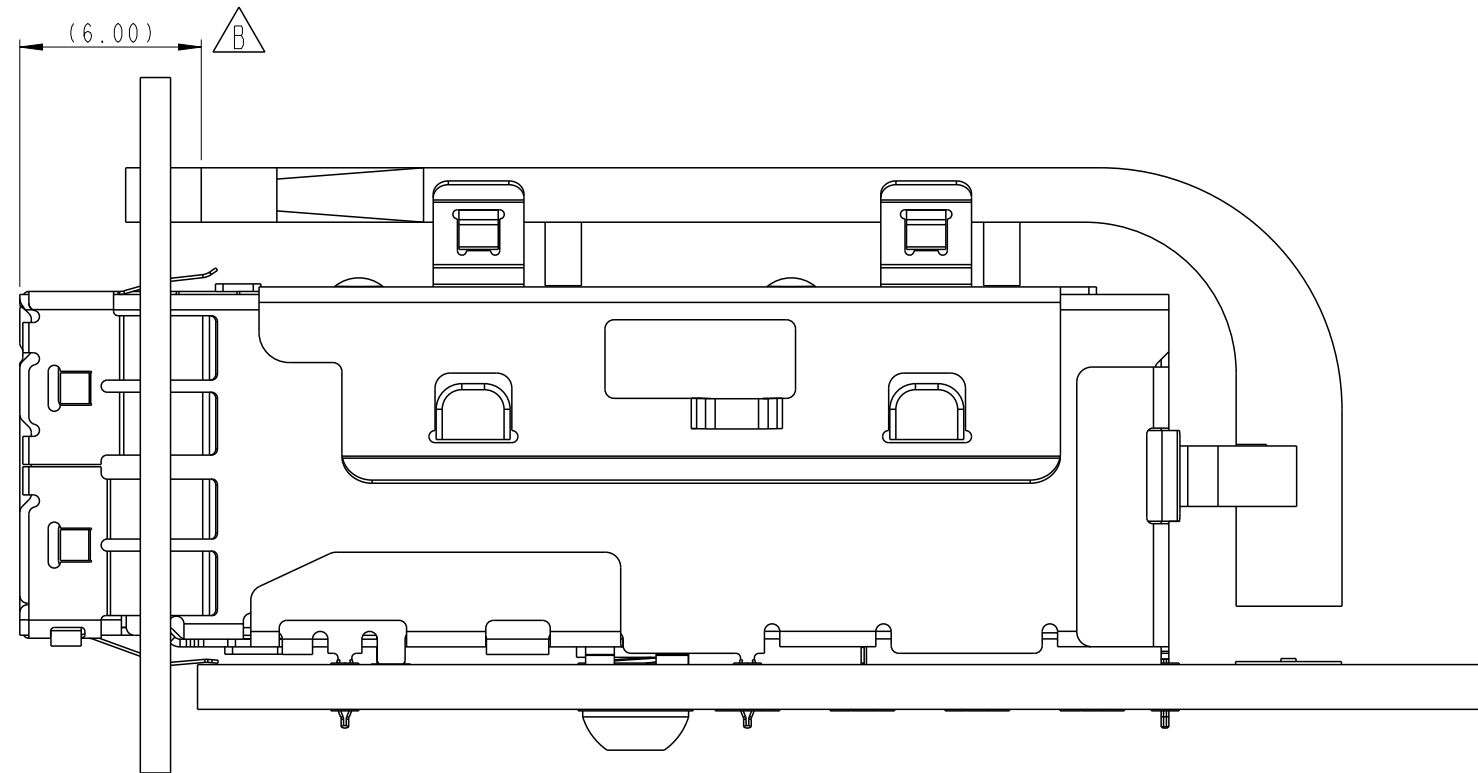
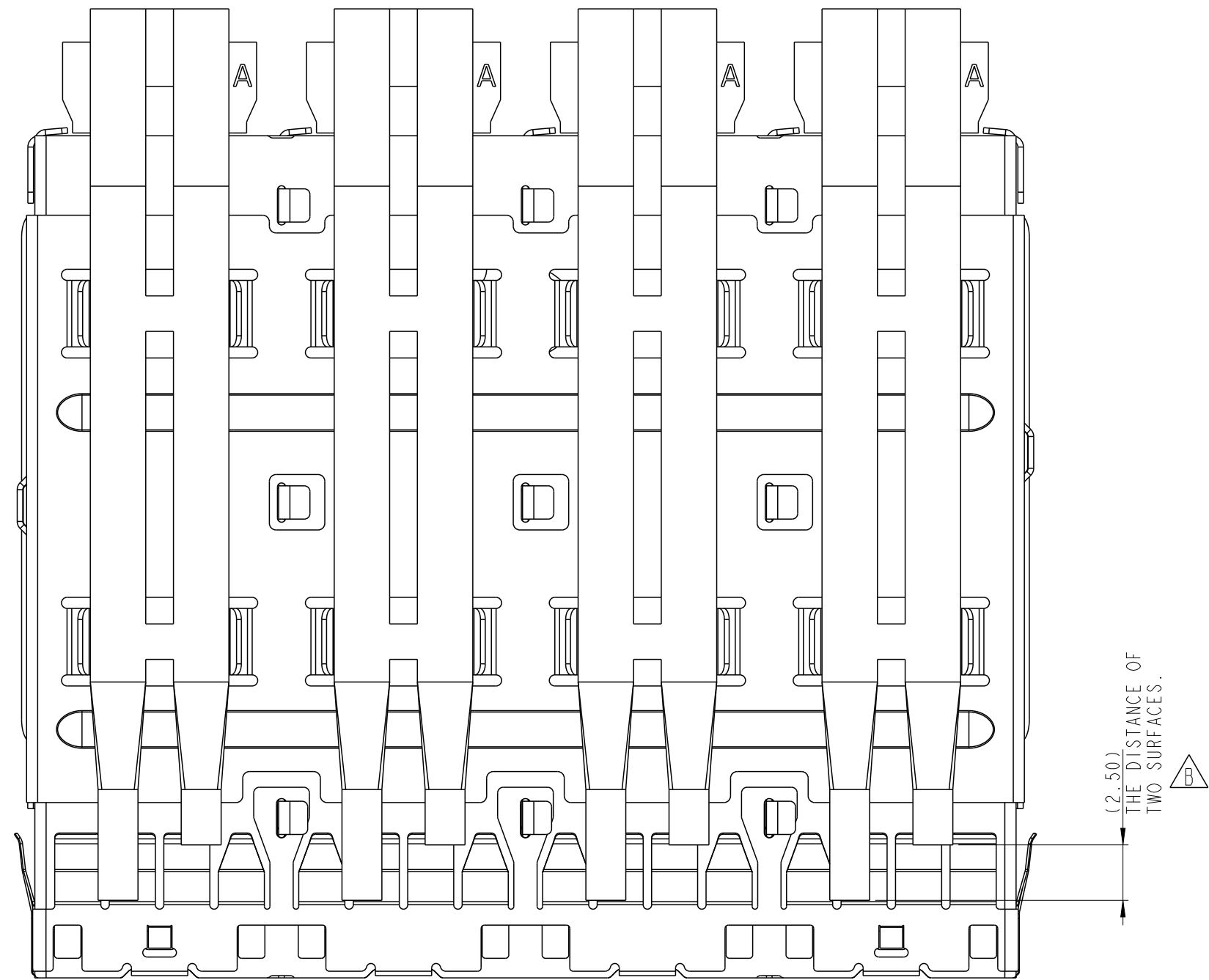


10120728-101 & 101LF ASSEMBLED VIEW
WITH SAME LENGTH LIGHT PIPES
SCALE 4.000

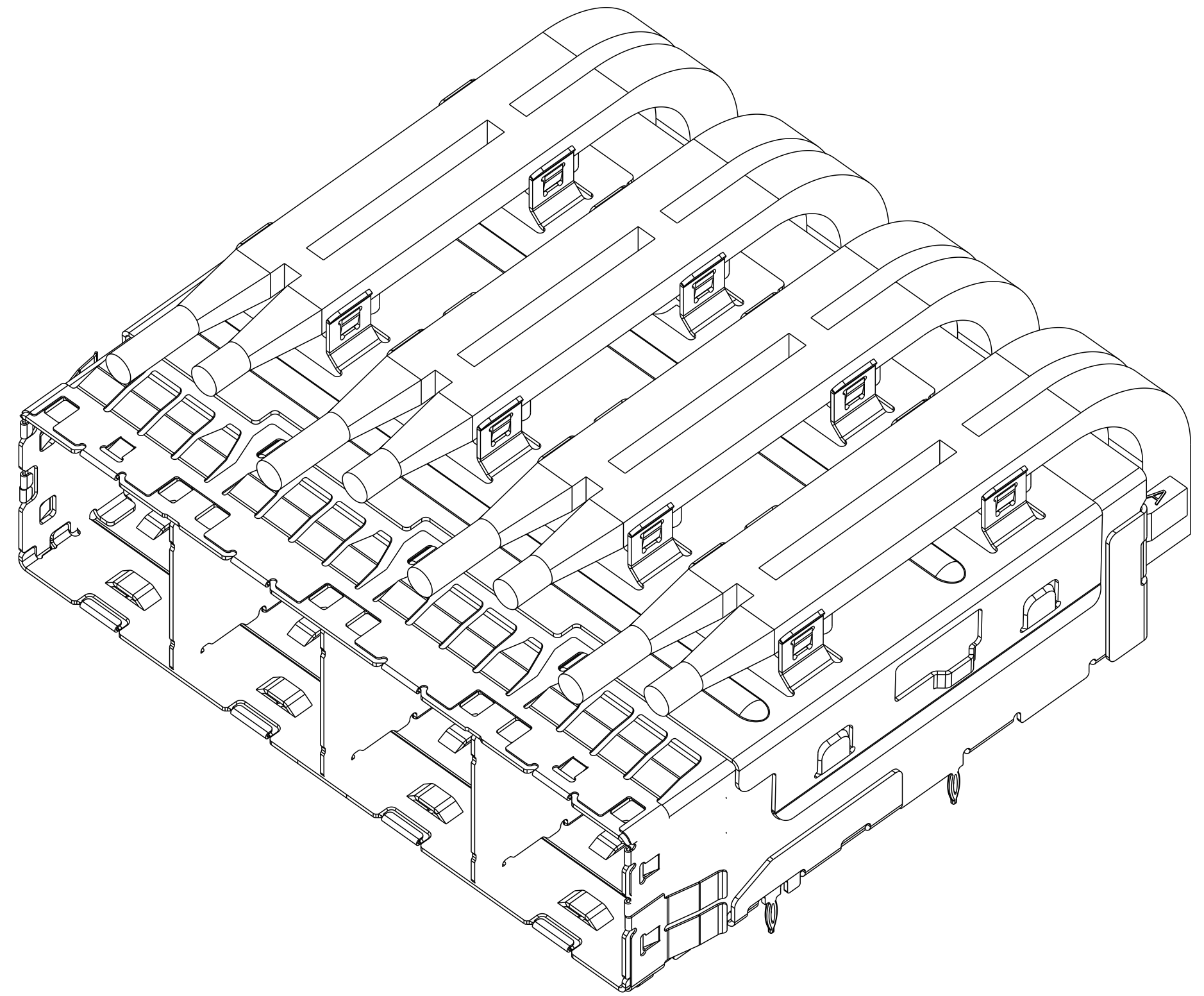


I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)
SCALE 4.000

spec ref	-	dr	Qin De-Feng	2012/11/21	projection	MM	size	A2	scale	2.500
tolerance std	ISO 406 ISO 1101	eng	Jerry Zhang	2018/01/15	chr	Stone Li	ecn no	ELX-DG-28824-1	rel level	Released
surface	-	appr	Heaven Cen	2018/01/18	product family	-	rel level	Released	rev	B
linear	0.X ±0.5 0.XX ±0.3 0.XXX ±-	Amphenol FCI	1x4 EXTERNAL ASSEMBLY WITH LIGHT PIPE MINI-SAS HD	cat. no.	-	Product - Customer Drw	sheet 2 of 7			
angular	0° ±3°	www.fci.com								

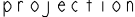


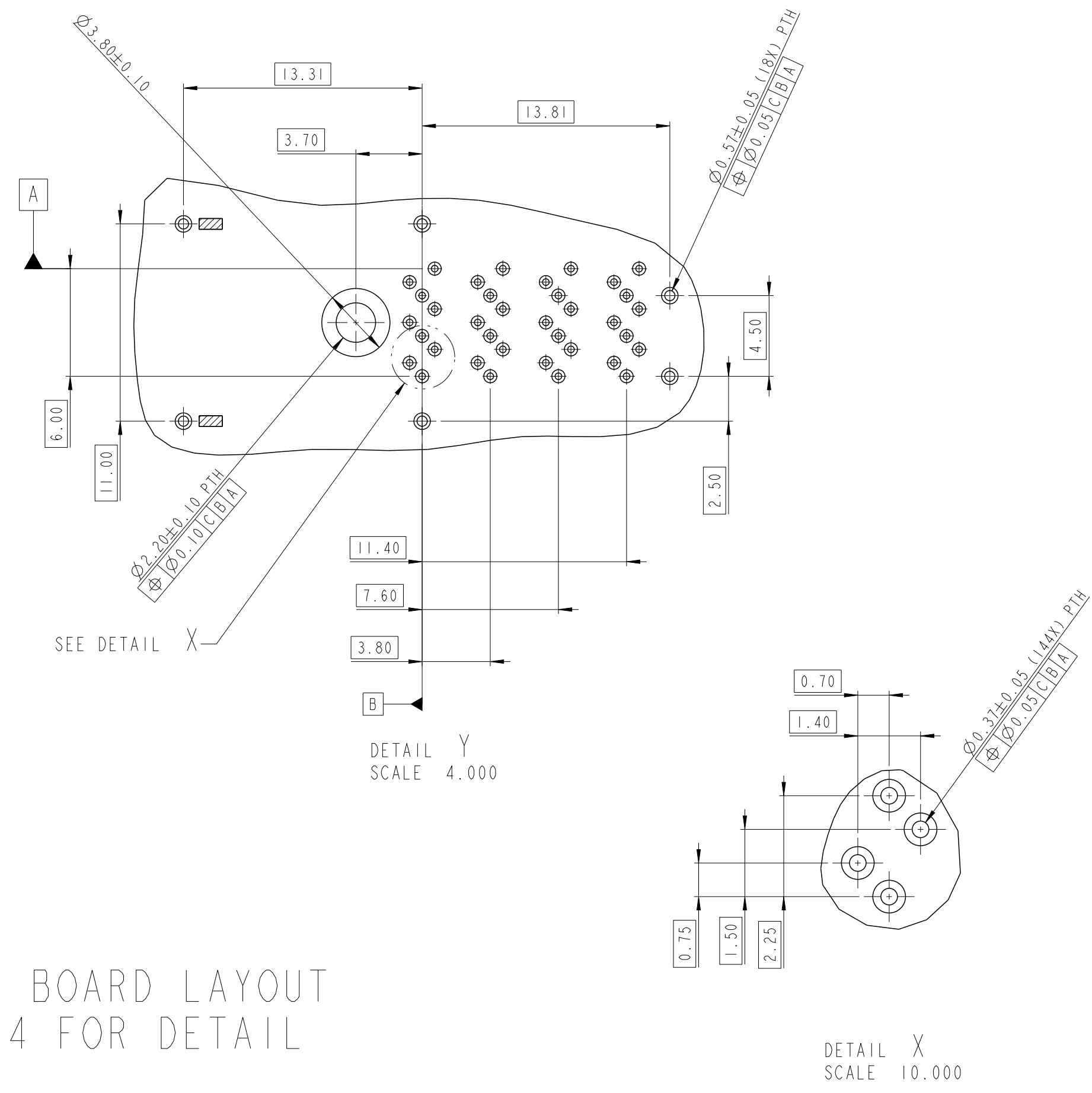
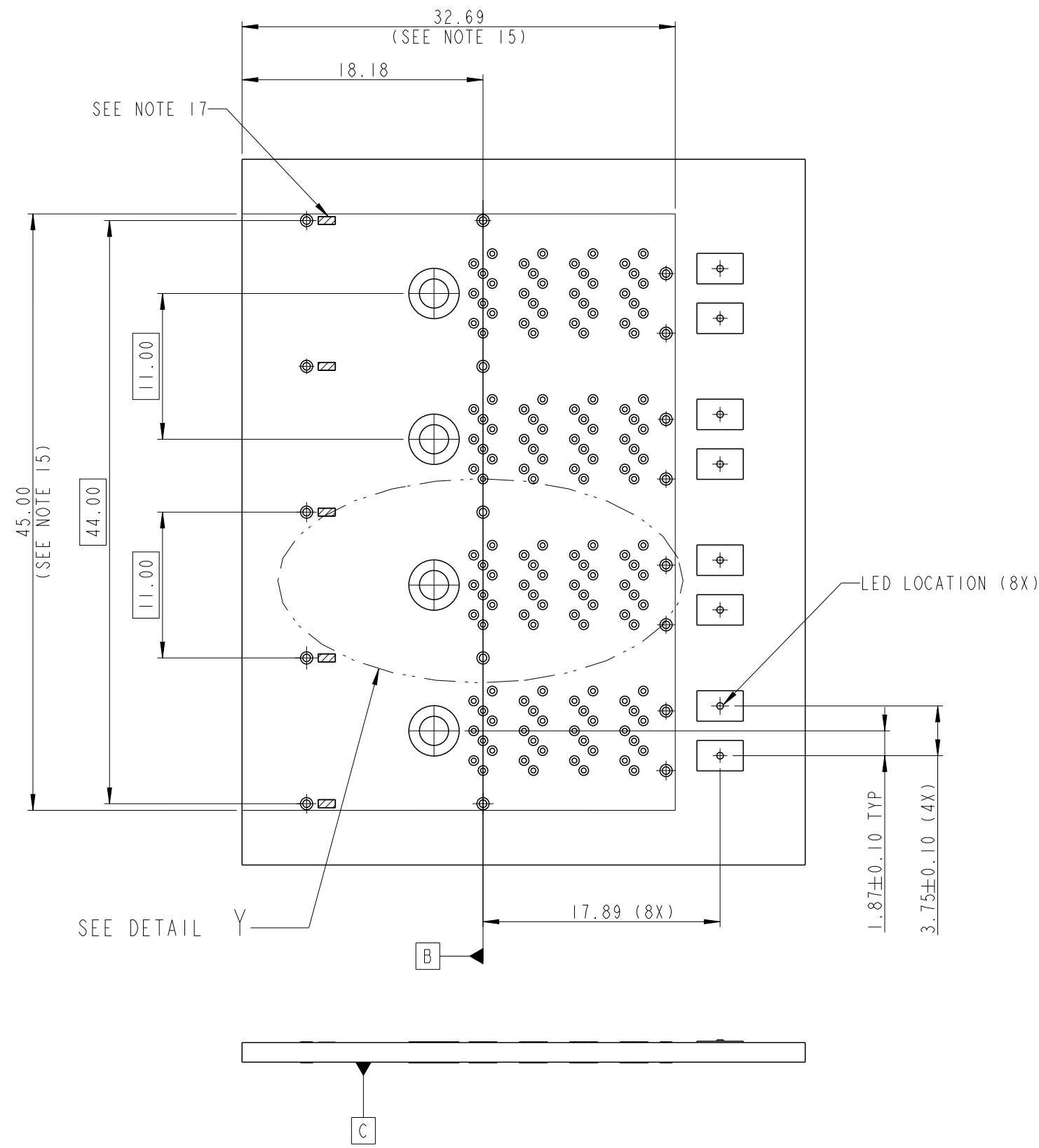
10120728-102LF ASSEMBLED VIEW
WITH DIFFERENT LENGTH LIGHT PIPES
SCALE 4.000



10120728-102LF SHOWN
WITH DIFFERENT LENGTH LIGHT PIPES
SCALE 4.000

ALL DIMENSIONS ARE SAME AS 10120728-101LF EXCEPT AS SHOWN.

spec ref		-		dr		Qin De-Feng		2012/11/21		projection		MM		size		A2		scale		4.000	
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jerry Zhang		2018/01/15						ecn no		ELX-DG-28824-1			
ISO 1101		chr				Stone Li		2018/01/15		rel level						Released					
				appr		Heaven Cen		2018/01/18		product family		MINI-SAS HD									
surface		-		linear				title		1x4 EXTERNAL ASSEMBLY WITH LIGHT PIPE		dwg no		10120728		rev		B			
ISO 1302				angular		0°		±3°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 7			



RECOMMENDED BOARD LAYOUT
SEE SFF-8644 FOR DETAIL

- NOTES:
10. RECOMMENDED DRILL SIZE FOR Ø0.37 FINISHED PTH IS Ø0.457.
 11. RECOMMENDED ANNULAR RING AROUND Ø0.37 FINISHED PTH IS Ø0.73.
 12. RECOMMENDED DRILL SIZE FOR Ø0.57 FINISHED PTH IS Ø0.68.
 13. RECOMMENDED ANNULAR RING AROUND Ø0.57 FINISHED PTH IS Ø0.93.
 14. MINIMUM RECOMMENDED CENTER TO CENTER SPACING BETWEEN ADJACENT CONNECTORS: 47.00mm.
 15. CONNECTOR KEEP OUT AREA.
 16. MINIMUM PCB THICKNESS: 1.57mm.
 17. CAGE STAND OFF AREA, NO TRACES ON SURFACE OF PCB IN THE AREAS.

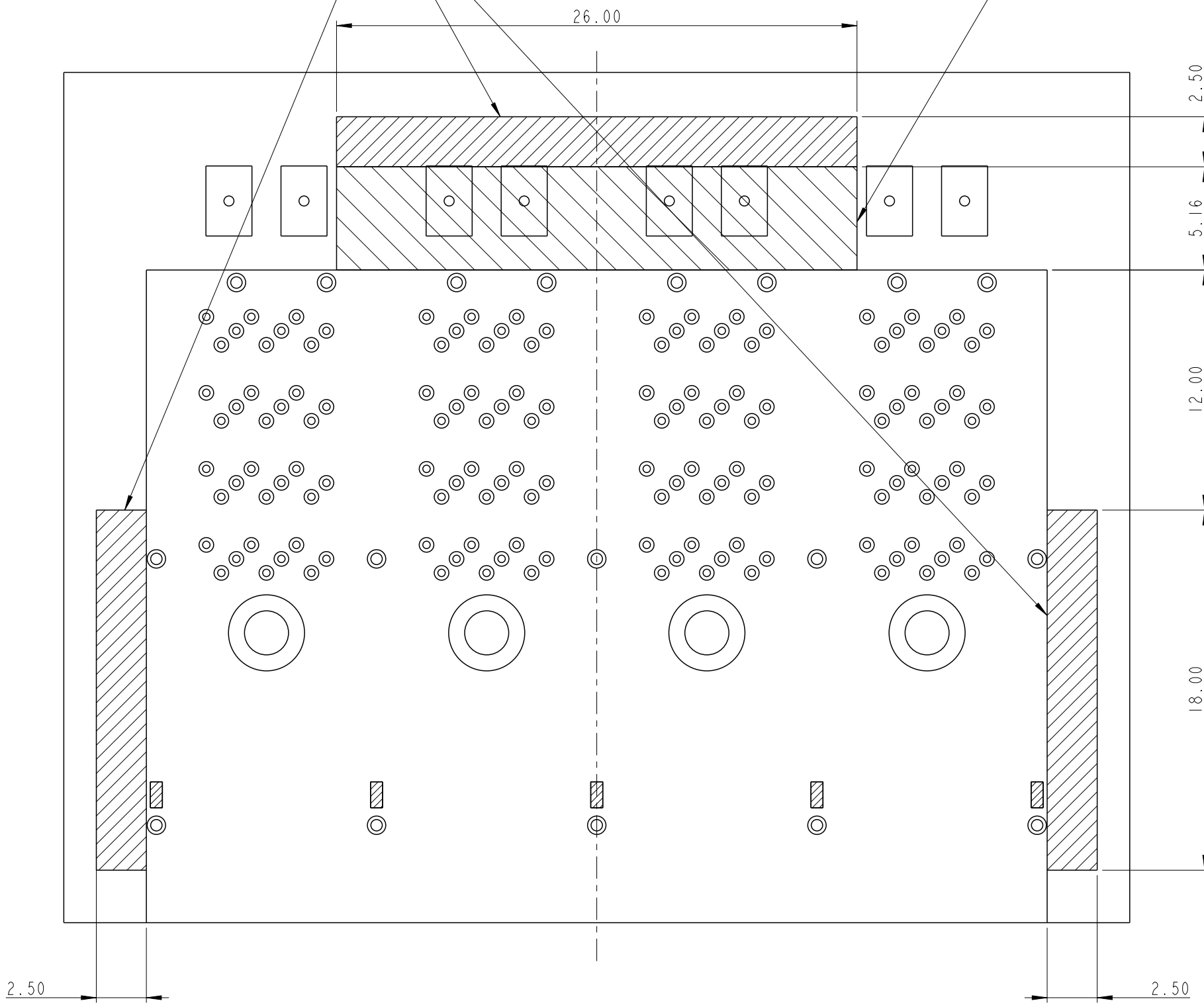
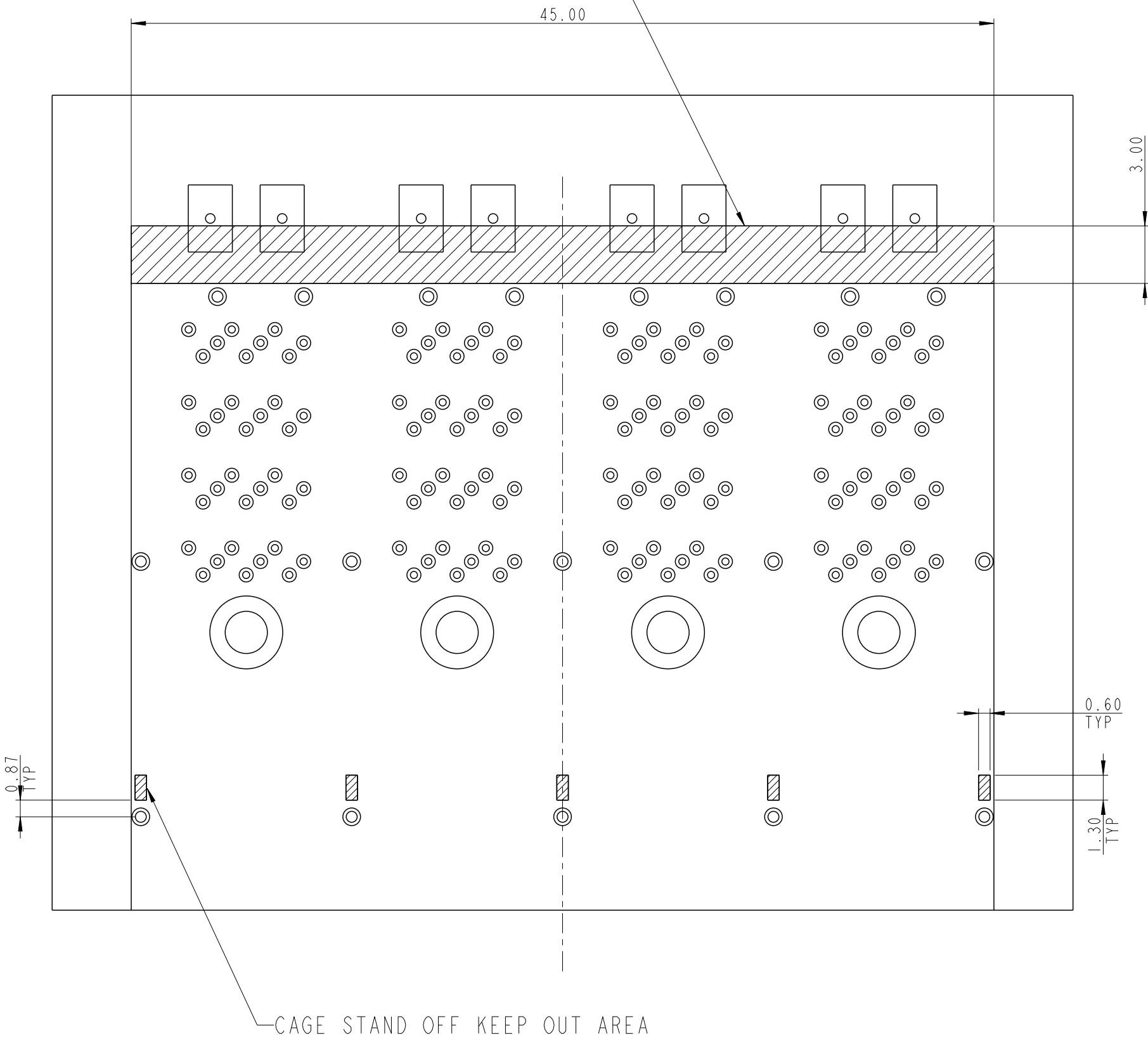
spec ref		-		dr		Qin De-Feng		2012/11/21		projection				MM		size		A2		scale		2.500			
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Jerry Zhang		2018/01/15						ecn no		ELX-DG-28824-1							
ISO 1101				chr		Stone Li		2018/01/15		appr						Heaven Cen		2018/01/18		product family		-		rel level	
surface		-		linear		0.X		±0.5		Amphenol		FCi		title		1x4 EXTERNAL ASSEMBLY WITH LIGHT PIPE		dwg no		10120728		rev		B	
				0.XX		±0.3																			
				0.XXX		±-																			
ISO 1302				angular		0°		±3°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 7							

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

RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



CAGE STAND OFF KEEP OUT AREA

Amphenol
FCi

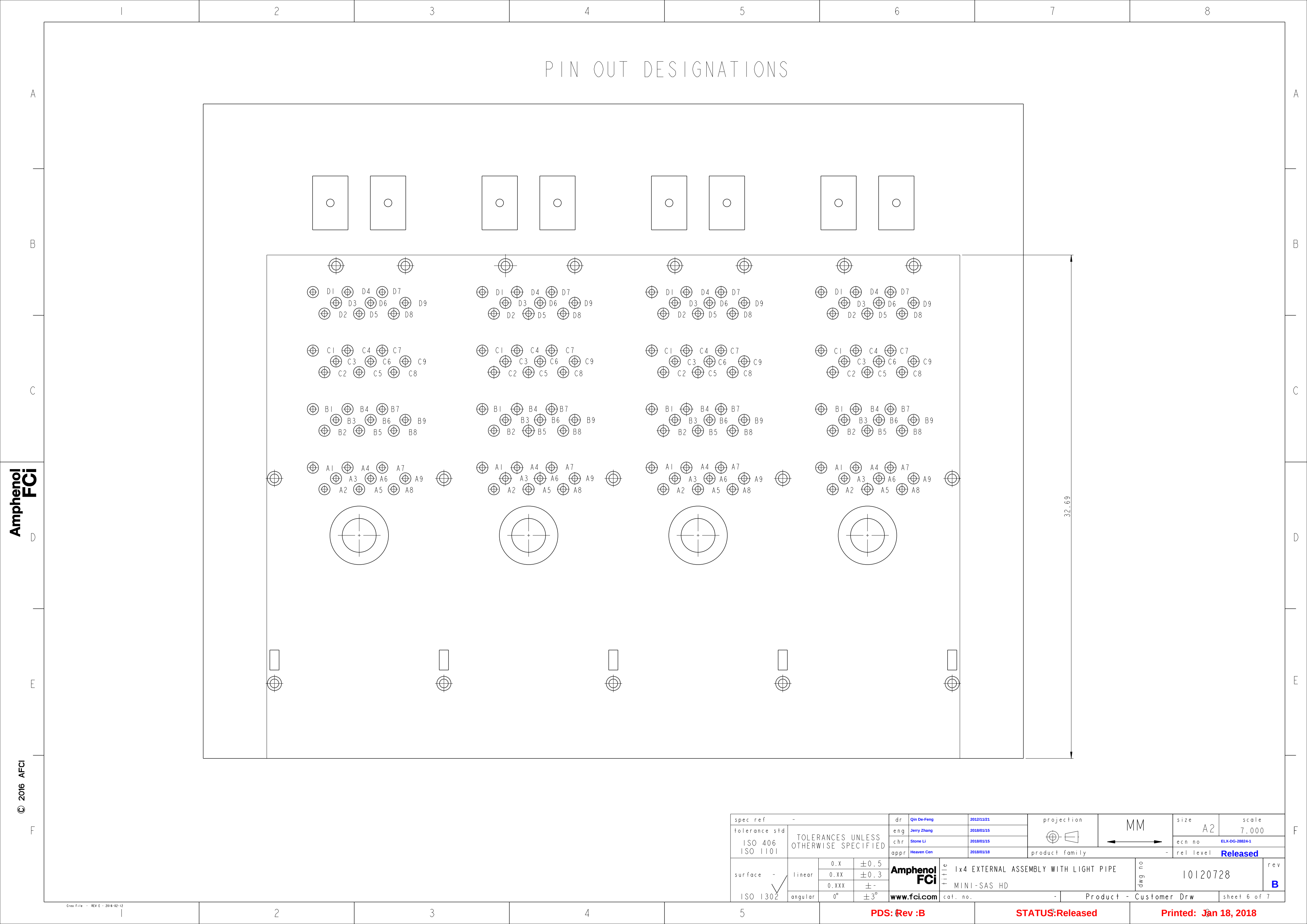
© 2016 AFCi

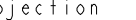
spec ref	-	dr	Qin De-Feng	2012/11/21	projection	MM	size	A2	scale	4.000
tolerance std	ISO 406 ISO 1101	eng	Jerry Zhang	2018/01/15	chr	Stone Li	ecn no	ELX-DG-28824-1		
		appr	Heaven Cen	2018/01/18	product family	-	rel level	Released		
surface	-	linear	0.X	±0.5	Amphenol FCi	1x4 EXTERNAL ASSEMBLY WITH LIGHT PIPE	dwg no	10120728	rev	B
			0.XX	±0.3	www.fci.com	MINI-SAS HD				
		angular	0°	±3°	cat. no.	-	Product - Customer Drw	sheet 5 of 7		

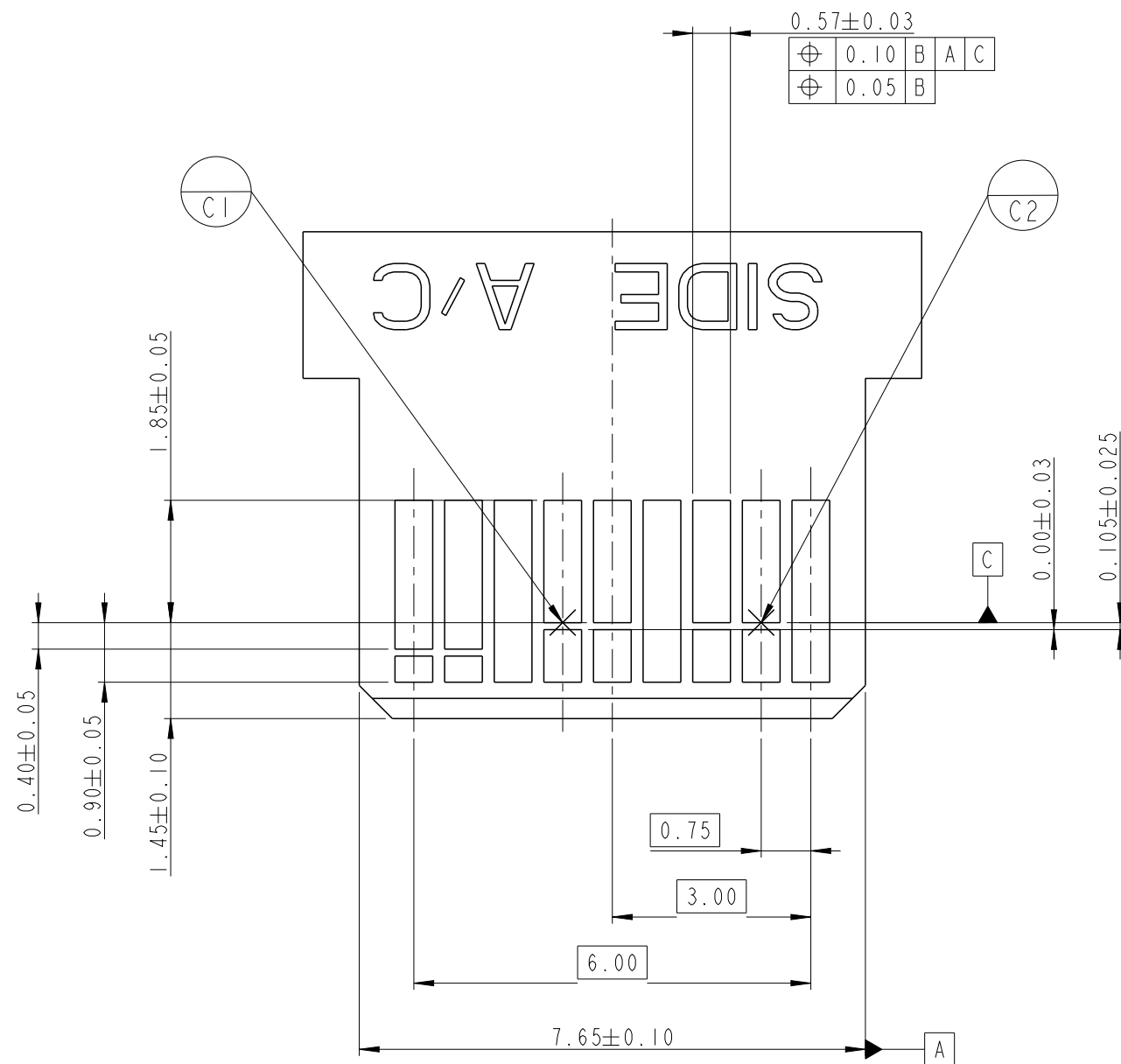
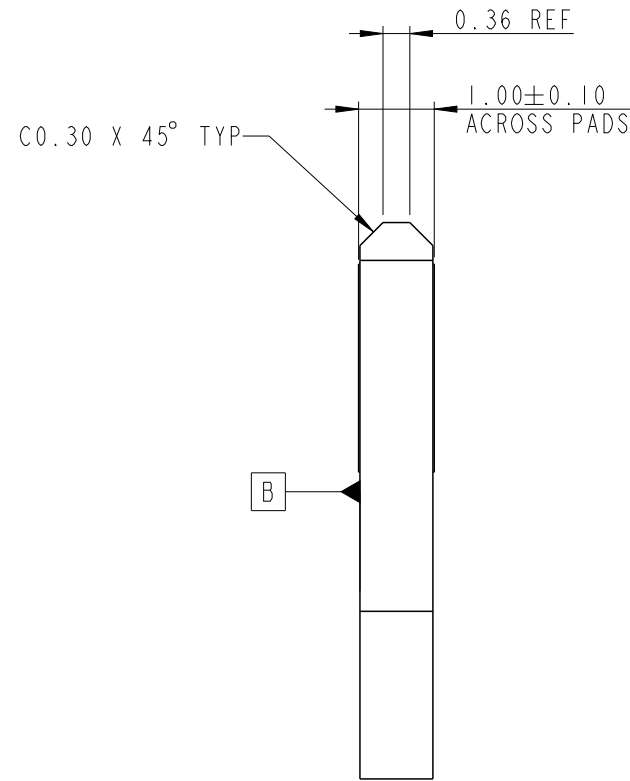
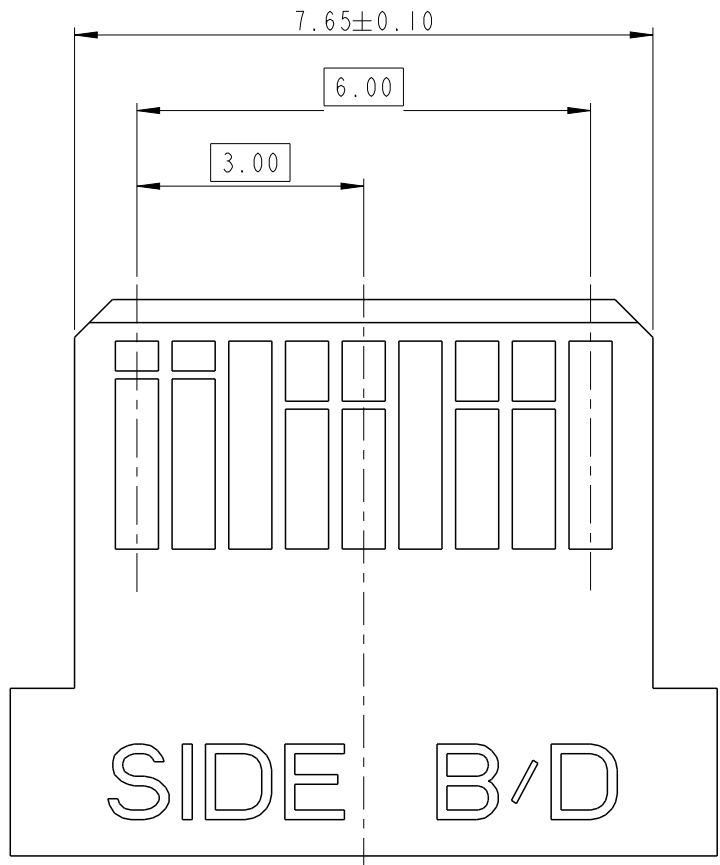
PDS: Rev :B

STATUS:Released

Printed: Jan 18, 2018



spec ref -		dr Qin De-Feng		2012/11/21	projection		MM	size A2	scale 7.000				
tolerance std		eng Jerry Zhang		2018/01/15									
ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Stone Li			ecn no	ELX-DG-28824-1					
ISO 1101				appr Heaven Cen				2018/01/18	product family -		rel level Released		
surface -		linear	0.X ±0.5	0.XX ±0.3	0.XXX ±-	Amphenol FCI	title	1x4 EXTERNAL ASSEMBLY WITH LIGHT PIPE		dwg no	10120728		rev
ISO 1302		angular	0° ±3°	www.fci.com		cat. no. -		Product - Customer Drw			sheet 6 of 7		



RECOMMENDED PLUG PADDLE CARD
SEE SFF-8644 FOR DETAIL

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

spec ref	-	dr	Qin De-Feng	2012/11/21	projection	MM	size	A2	scale	10.000
tolerance std	ISO 406 ISO 1101	eng	Jerry Zhang	2018/01/15	chr	Stone Li	ecn no	ELX-DG-28824-1	rel level	Released
surface	-	appr	Heaven Cen	2018/01/18	product family	-	cat. no.	-	Product - Customer Drw	sheet 7 of 7
linear	0.X 0.XX 0.XXX	±0.5 ±0.3 ±-	Amphenol FCi	1x4 EXTERNAL ASSEMBLY WITH LIGHT PIPE MINI-SAS HD	dwg no	10120728	rev	B		
angular	0°	±3°	www.fci.com							

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