



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

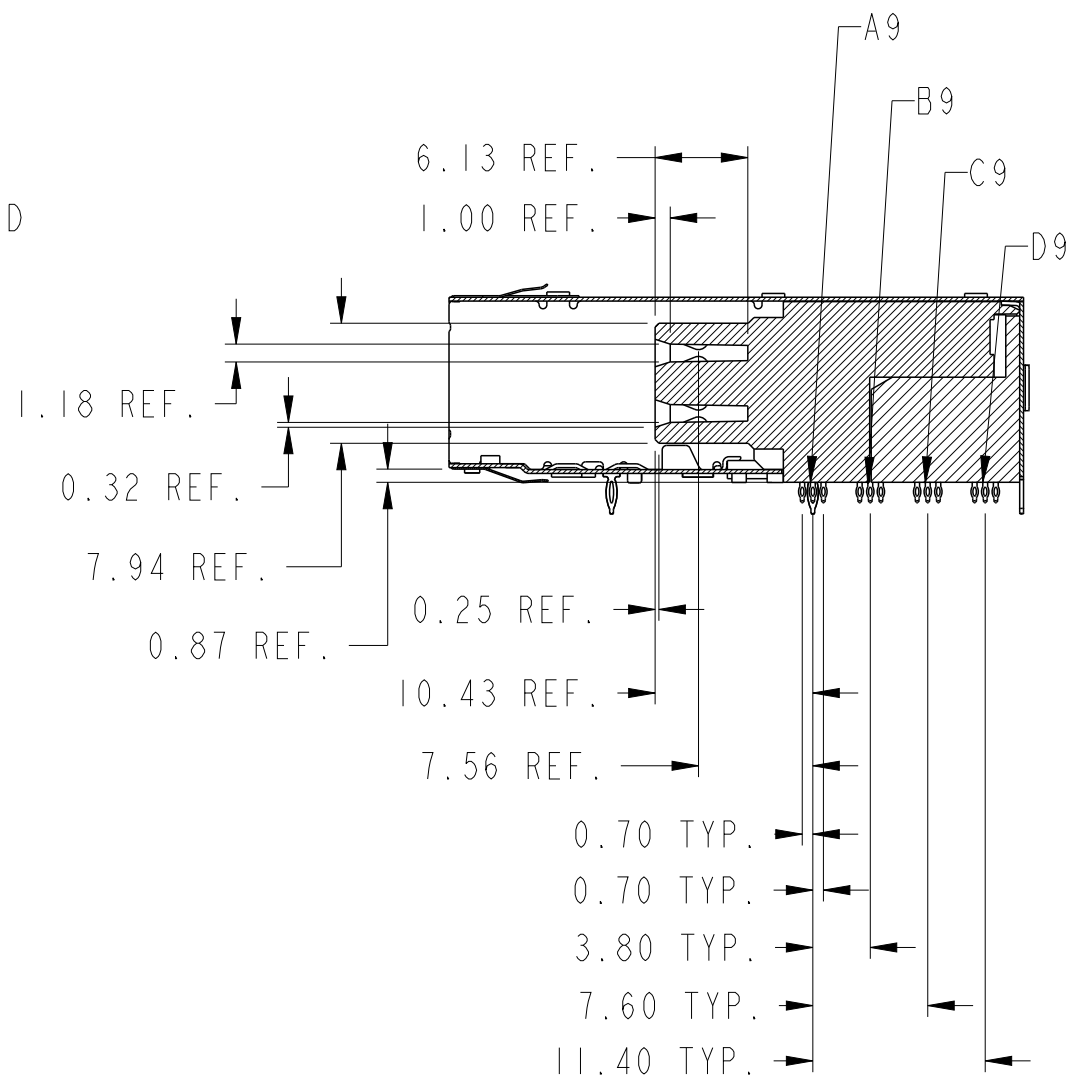
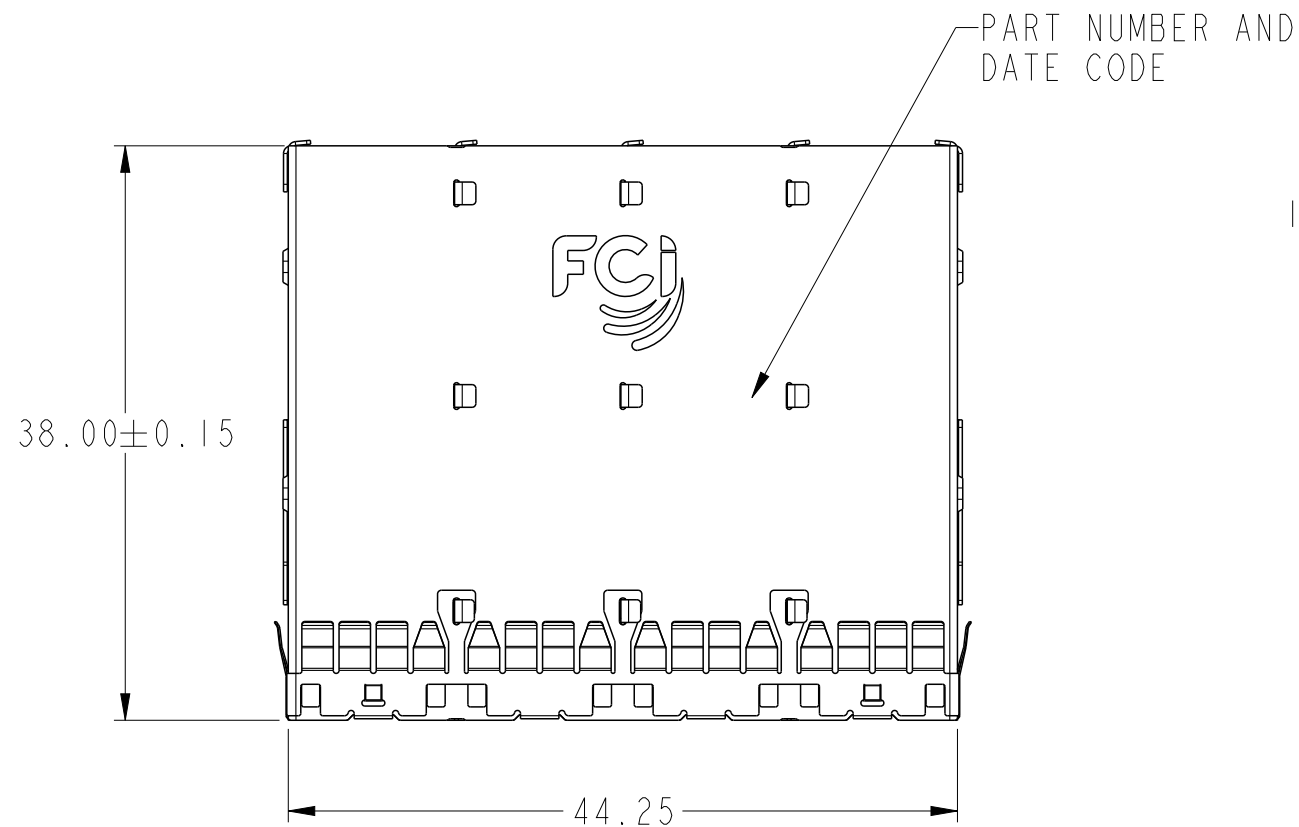
Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

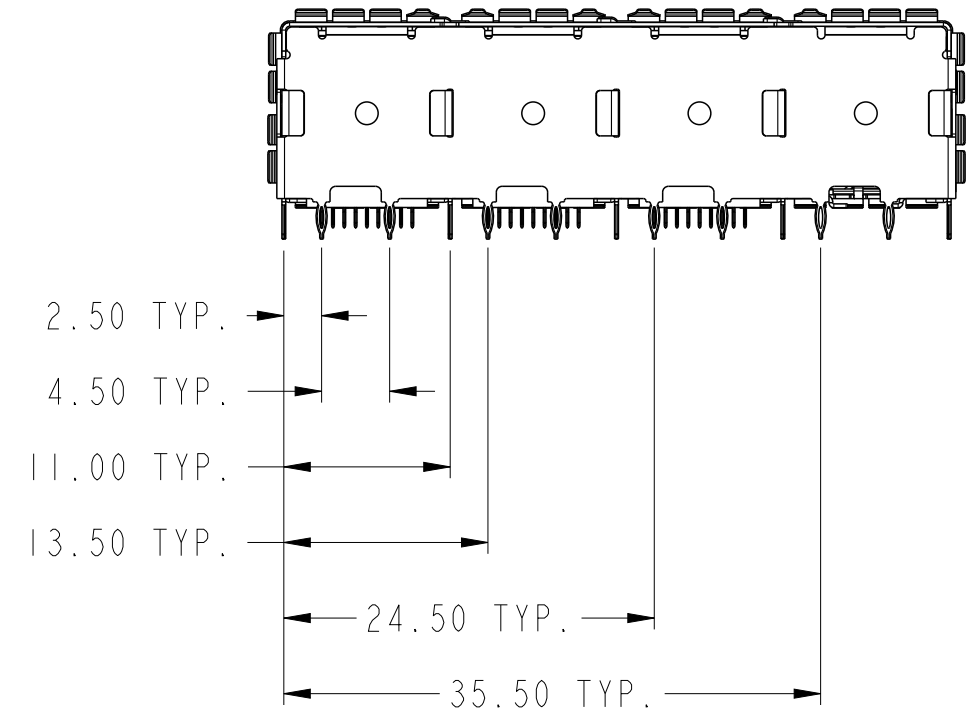
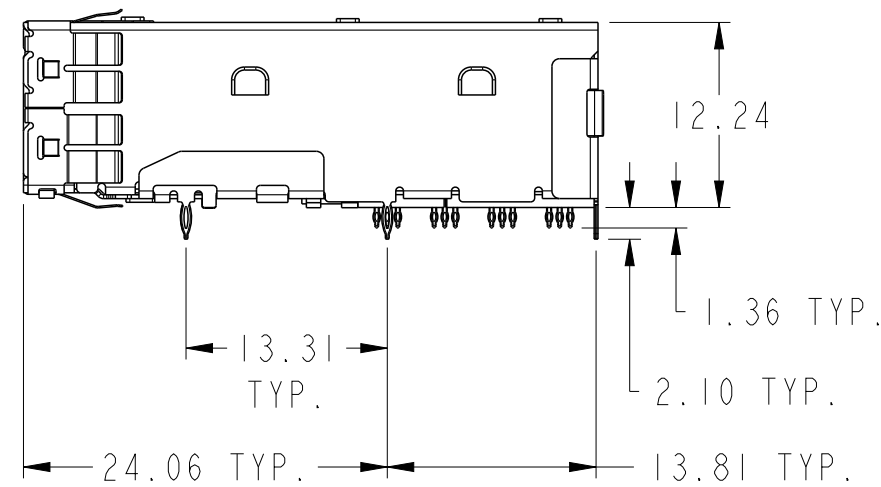
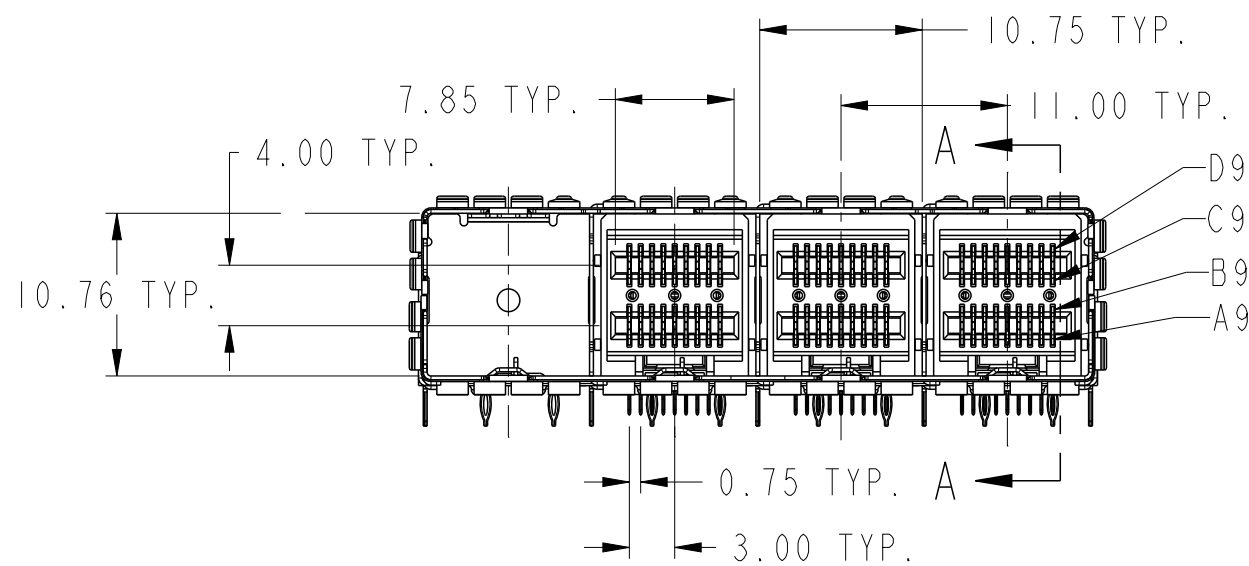
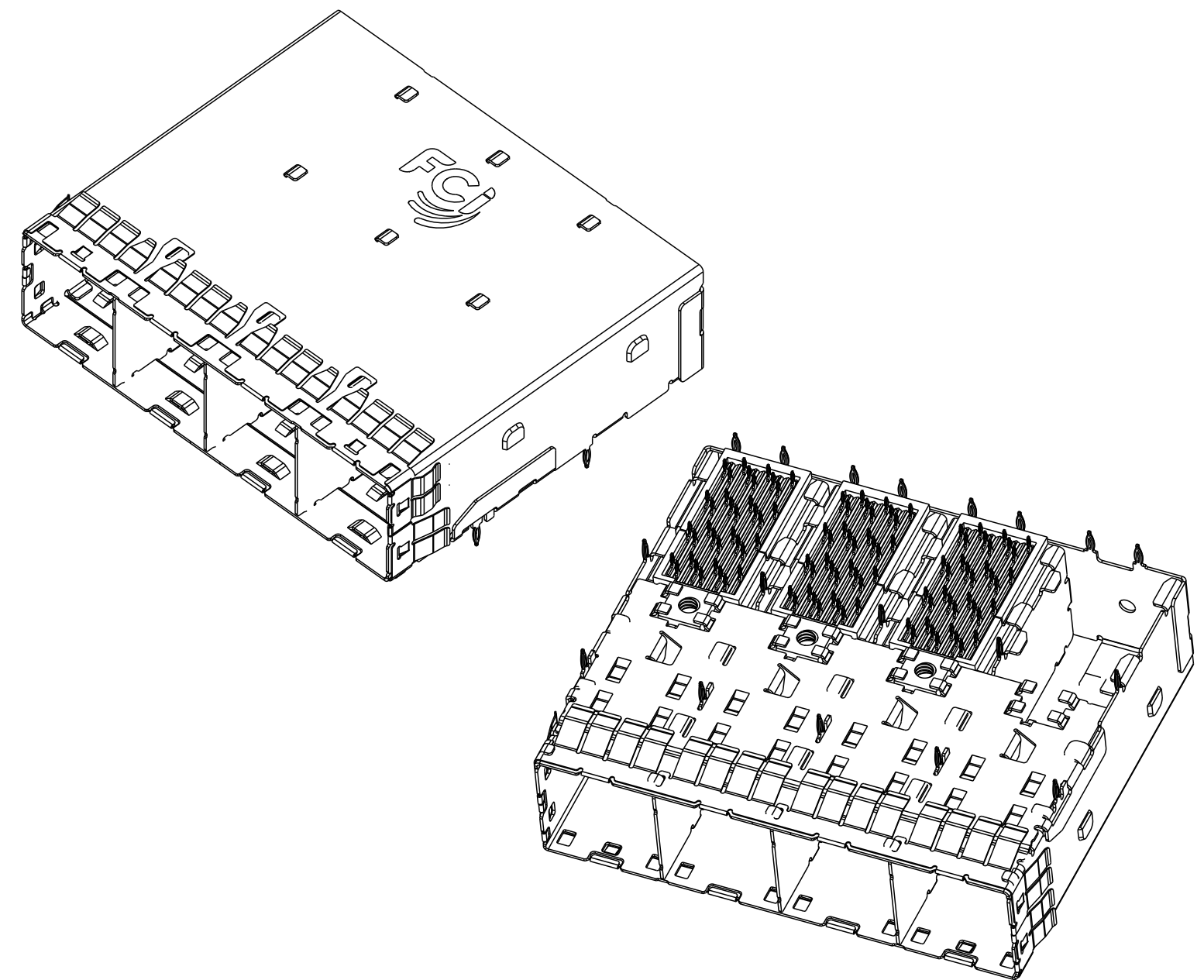





PRODUCT NUMBER	DESCRIPTION
10122504-101LF	SELECTIVE EXTERNAL



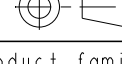

SECTION A-A  
SCALE 2:1



NOTES:

- MATERIALS:  
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC  
GLASS FILLED, UL 94V-0  
EMI CAGE: NICKEL SILVER ALLOY  
EMI FINGERS: COPPER ALLOY  
TERMINALS: COPPER ALLOY
- FINISHES:  
EMI FINGERS: 0.50um MIN NICKEL  
CONTACT AREA: 0.76um MIN GOLD OVER 2.54um MIN NICKEL  
TAIL AREA: 0.76um - 1.52um TIN (LEAD FREE) OVER 2.54um MIN NICKEL
- PRODUCT SPECIFICATION: GS-12-651  
APPLICATION SPECIFICATION: GS-20-0327
- MOUNTING HARDWARE: M2 X 0.4 BUTTON HEAD SCREW  
MOUNTING SCREW LENGTH: BOARD THICKNESS + 1.4mm MAX (0.9mm MIN).  
3 REQUIRED PER ASSEMBLY
- THIS CONNECTOR IS DESIGNED TO MEET THE REQUIREMENTS OF  
INDUSTRY SPECIFICATION SFF-8644.
- THE USE OF A PCI BRACKET OR EQUIVALENT IS REQUIRED FOR THIS PRODUCT
- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT  
HAVE BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

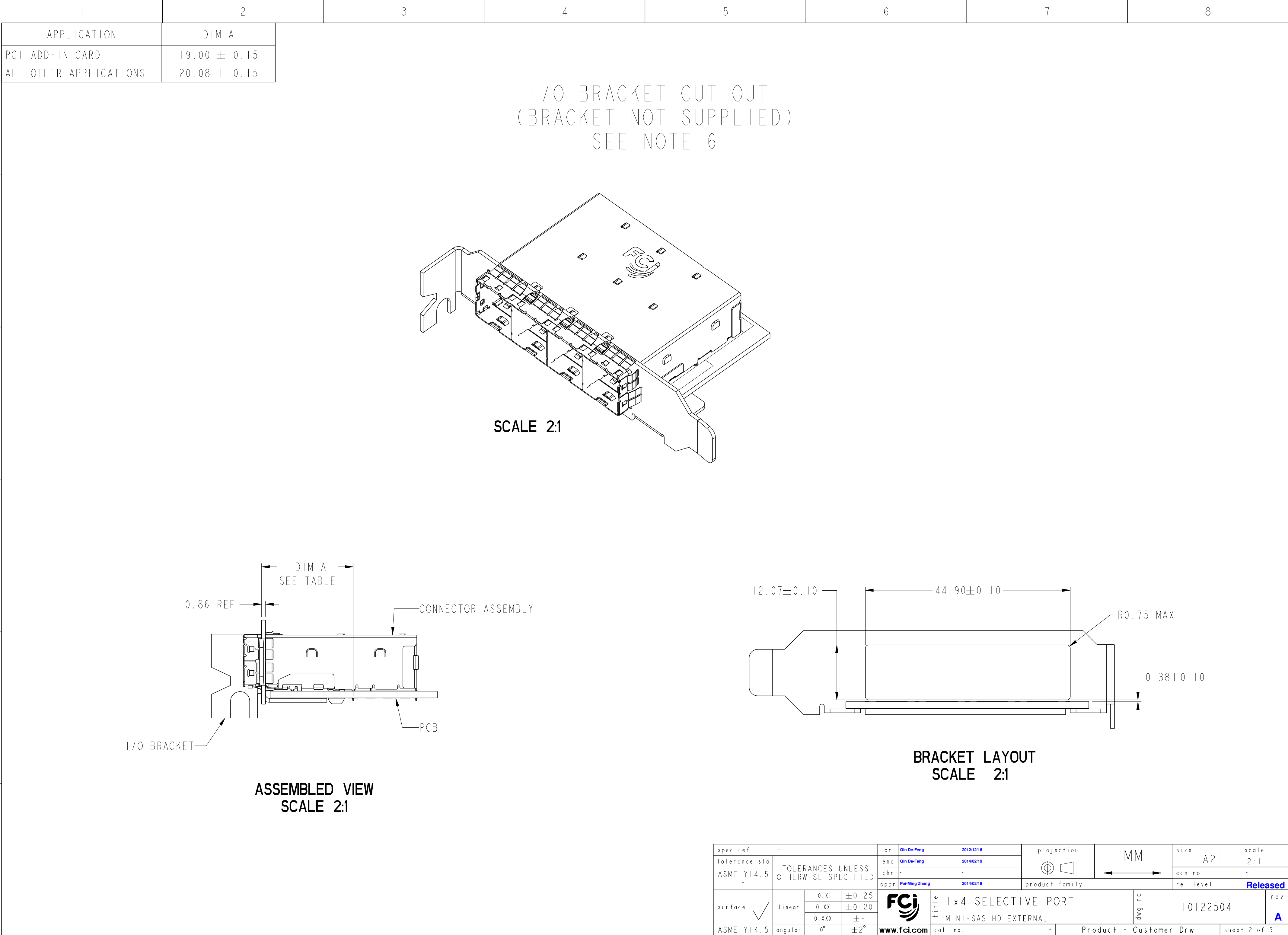
MATES WITH MINI-SAS HD ENDS IN:			
10112041 SERIES (4X)			
10117771 SERIES (4X)			
10117946 SERIES (4X)			
10117949 SERIES (4X)			
10117947 SERIES (8X)			
10112359 SERIES (8X)			
10117950 SERIES (8X)			
10117948 SERIES (8X)			

spec ref -		dr Qin De-Feng 2012/12/16		projection 	MM	size A2	scale 4:1	
tolerance std ASME Y14.5		eng Qin De-Feng 2014/02/19				ecn no -	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr - 2014/02/19						
-		appr Pei-Ming Zheng 2014/02/19		product family -		rel level		
surface 		linear		title 1x4 SELECTIVE PORT		dwg no 10122504		
ASME Y14.5		angular		MINI-SAS HD EXTERNAL		rev A		
		0.X ±0.25		www.fci.com		cat. no. -		
		0.XX ±0.20		-		Product - Customer Drw		
		0.XXX ±-		-		sheet 1 of 5		
		0° ±2°		-				

PDS: Rev :A

STATUS:Released

Printed: Feb 19, 2014

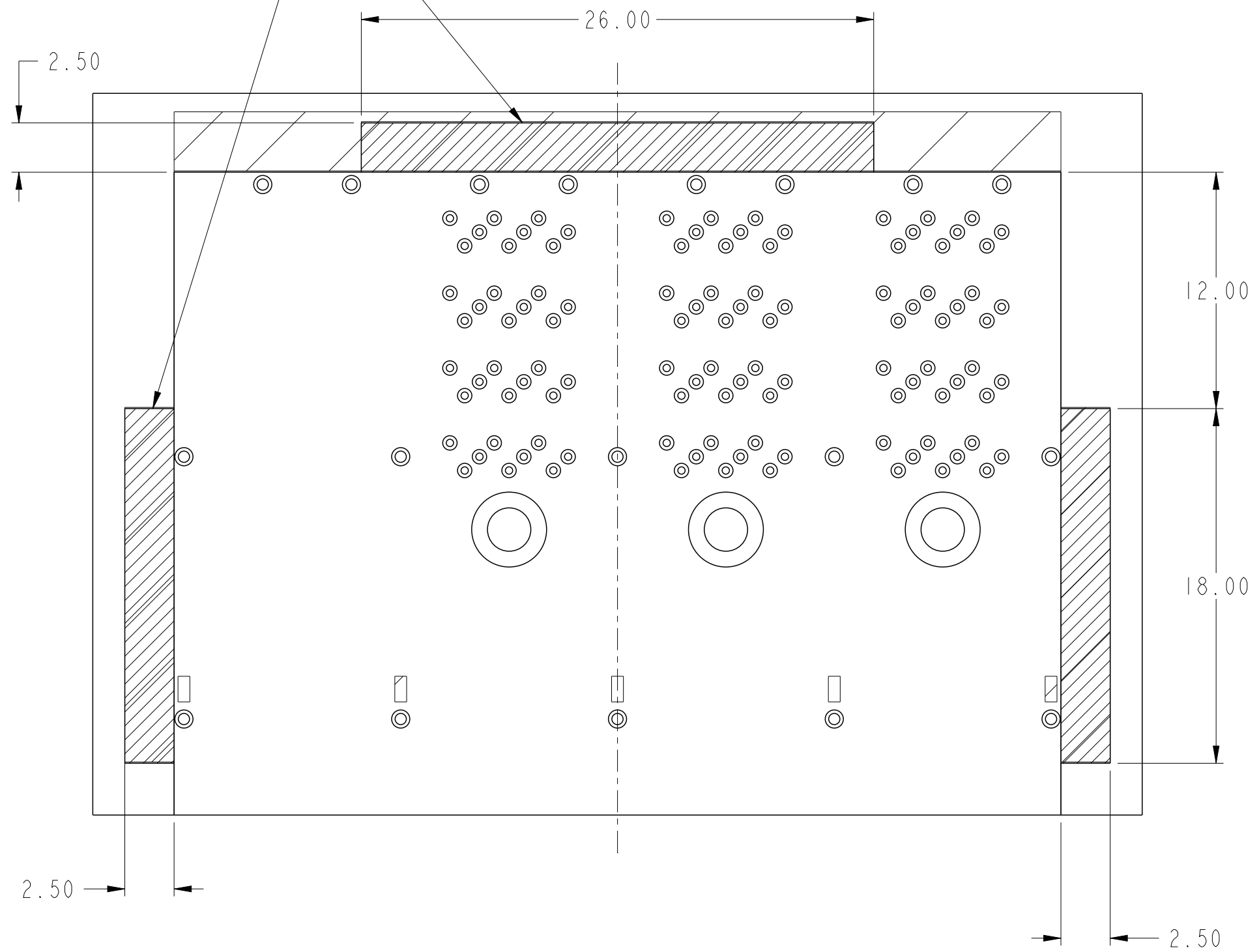
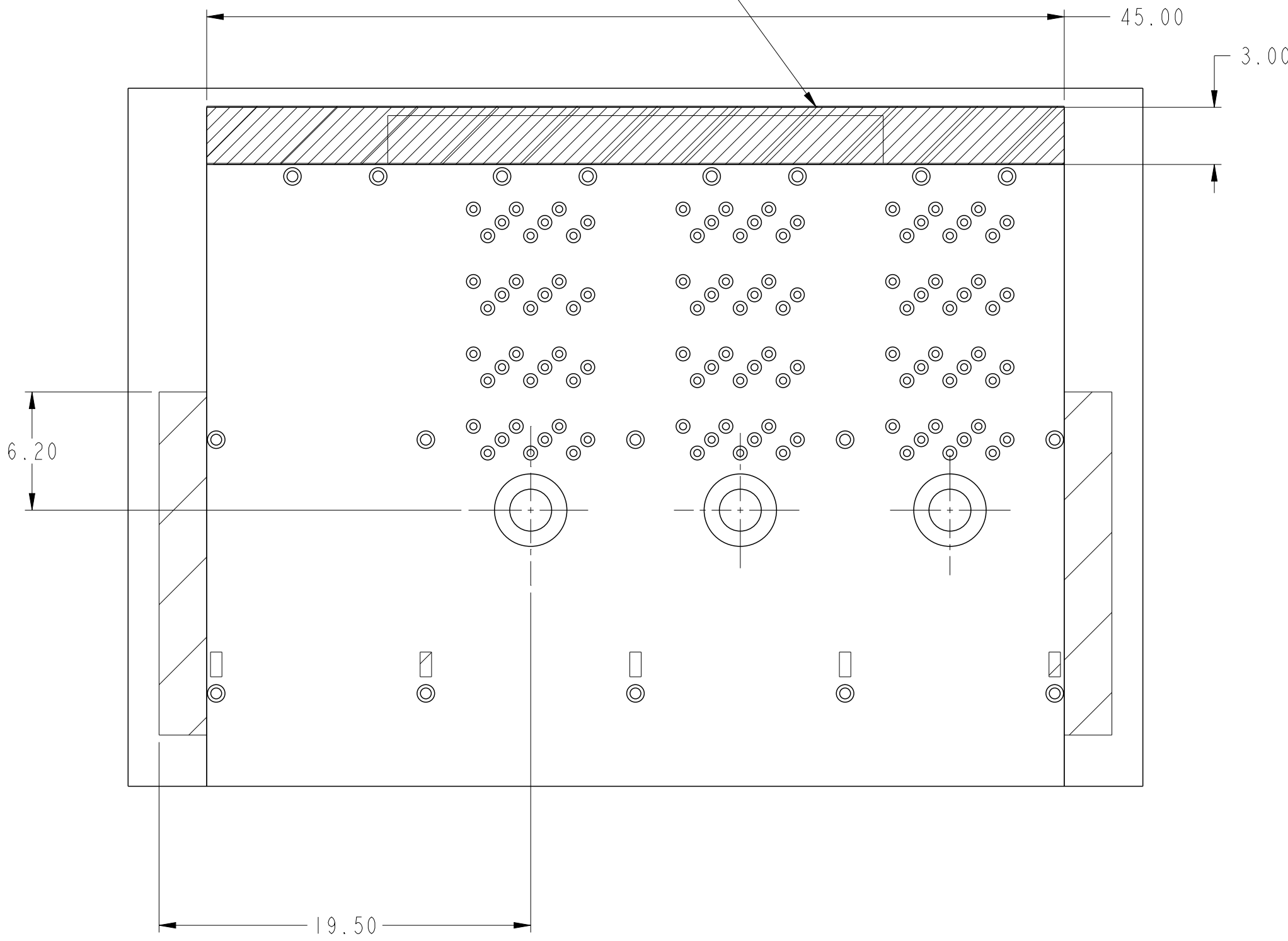




RECOMMENDED TOOLING KEEP OUT AREAS

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

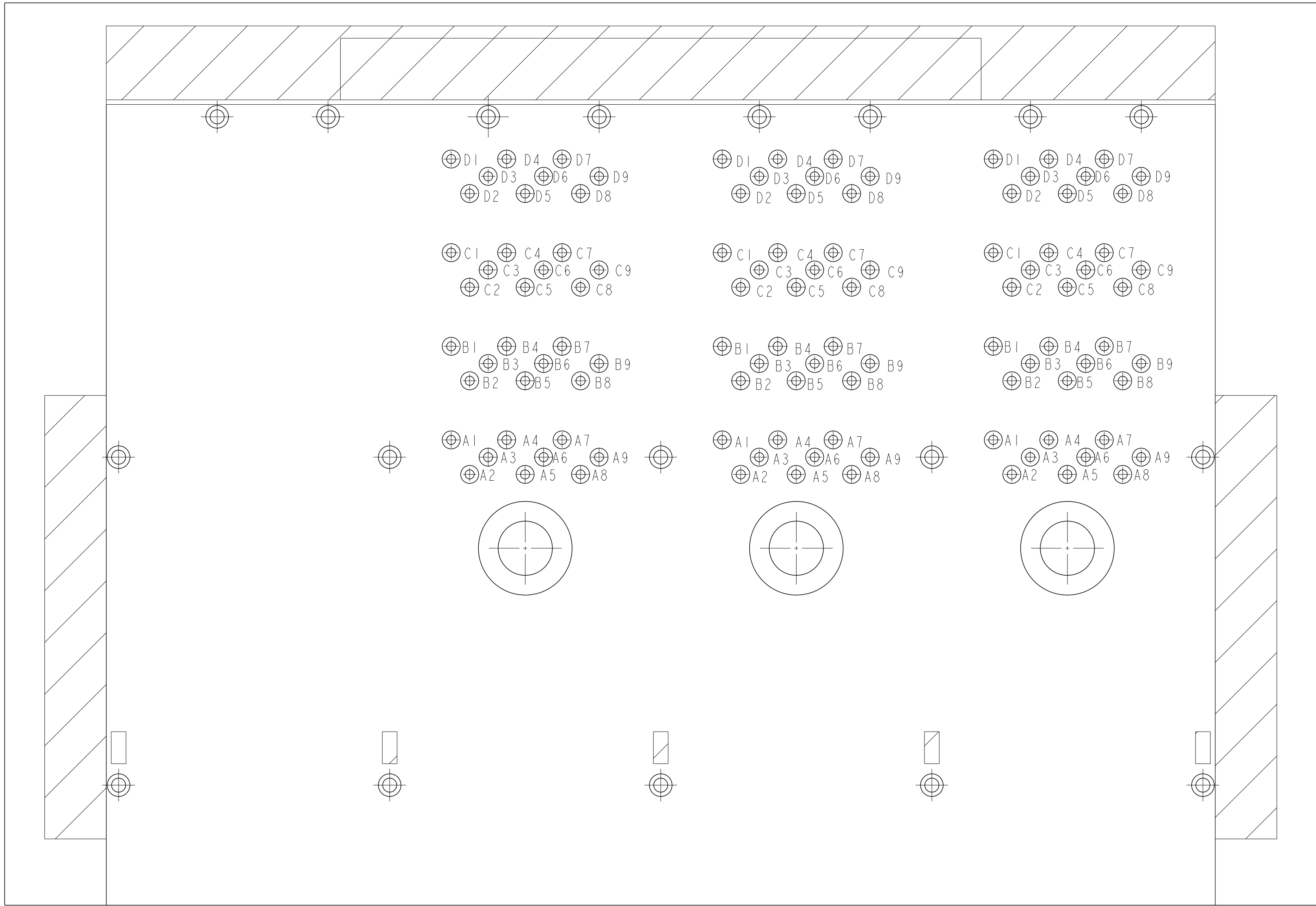
RECOMMENDED EXTRACTION TOOL  
KEEP OUT AREA  
NO COMPONENTS IN THESE AREAS



Copyright FCI.

spec ref	-	dr	Qin De-Feng	2012/12/16	projection	MM	size	A2	scale	12:1
tolerance std	ASME Y14.5	eng	Qin De-Feng	2014/02/19	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/02/19	product family	-	rel level	Released	rev	A
ASME Y14.5	linear	0.X	±0.25	0.XX	±0.20	0.XXX	±	angular	0°	±2°
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		title		1x4 SELECTIVE PORT		MINI-SAS HD EXTERNAL		cat. no.
www.fci.com		Product - Customer Drw		sheet 4 of 5		PDS: Rev :A		STATUS:Released		Printed: Feb 19, 2014

PIN OUT DESIGNATIONS



spec ref	-	dr	Qin De-Feng	2012/12/16	projection	MM	size	A2	scale	12:1
tolerance std	ASME Y14.5	eng	Qin De-Feng	2014/02/19	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/02/19	product family	-	cat. no.	-	Product - Customer Drw	sheet 5 of 5
linear	0.X ±0.25 0.XX ±0.20 0.XXX ±-	title	1x4 SELECTIVE PORT MINI-SAS HD EXTERNAL	cat. no.	-	Product - Customer Drw	sheet 5 of 5	rev	A	
angular	0° ±2°	www.fci.com								

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