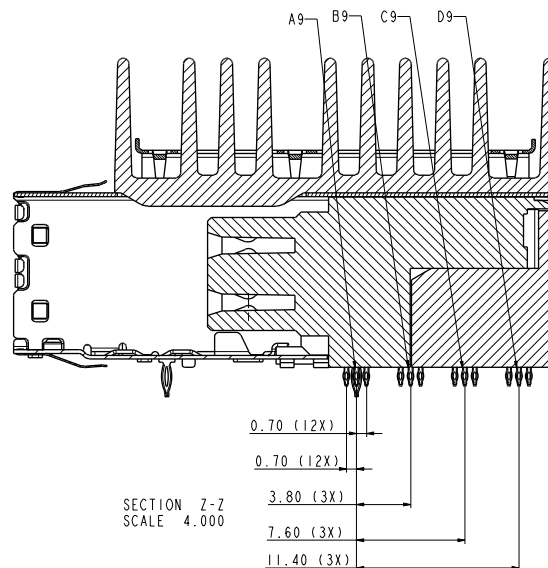
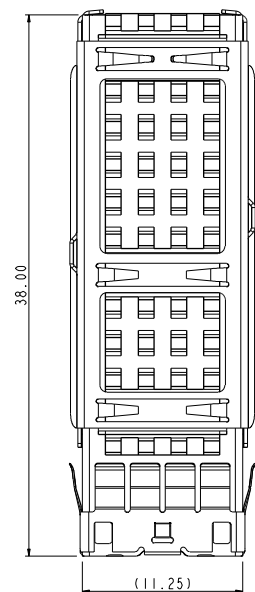


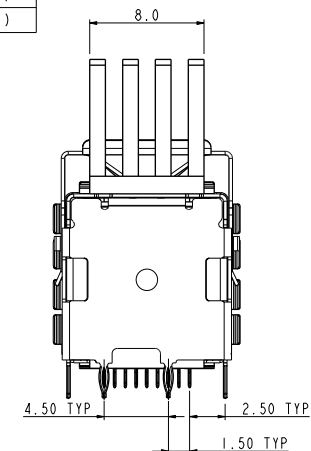
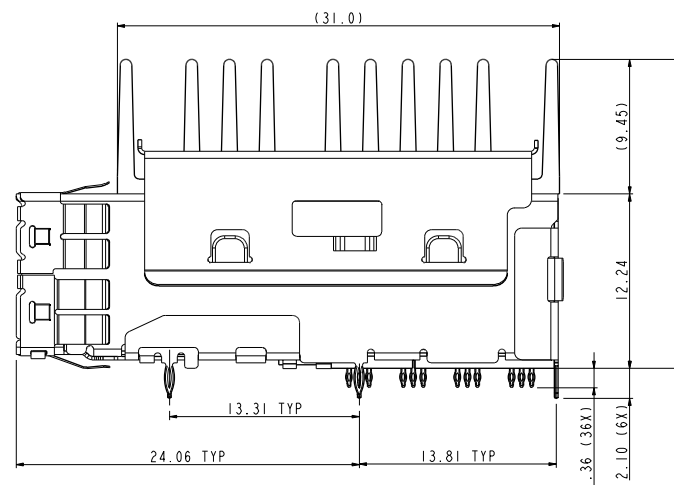
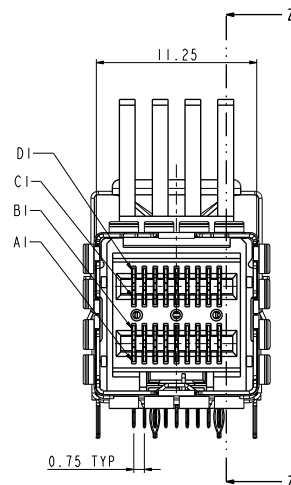
1	2	3	4	5	6	7	8
PRODUCT NUMBER	TAIL PLATING OPTION, SEE NOTE 2	1X1 EXTERNAL ASSEMBLY WITH WINDOW	1X1 HEAT SINK MOUNTING CLIP	HEAT SINK			
10112629-101	OPTION 1	10112626-103	10112656-003LF	10112655-001LF			
10112629-101LF	OPTION 2	10112626-103LF					

NOTES:

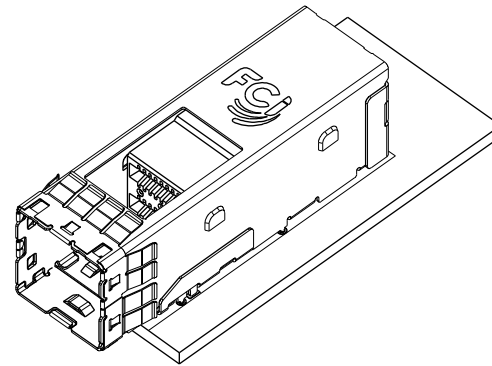
1. MATERIALS:
CONNECTOR HOUSING: HIGH TEMPERATURE THERMOPLASTIC
GLASS FILLED, UL 94V-0
EMI CAGE: NICKEL SILVER ALLOY
EMI FINGERS: COPPER ALLOY
TERMINALS: COPPER ALLOY
HEAT SINK CLIP: STAINLESS STEEL
HEAT SINK: ALUMINIUM ALLOY
2. FINISHES:
EMI FINGERS: 0.50um MIN NICKEL
CONTACT AREA: 0.76um MIN GOLD OVER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



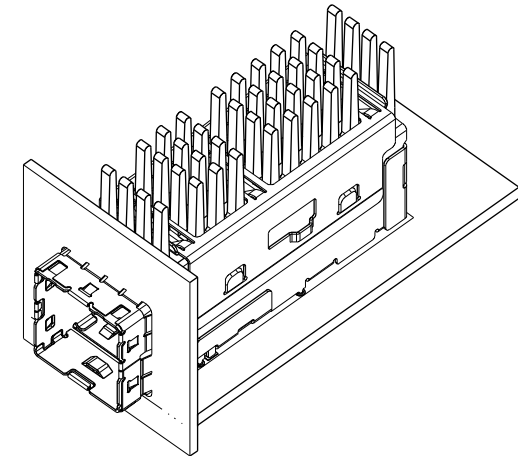
MATES WITH MINI-SAS HD ENDS IN:
10112041 SERIES (4X)
10117771 SERIES (4X)
10117946 SERIES (4X)
10117949 SERIES (4X)



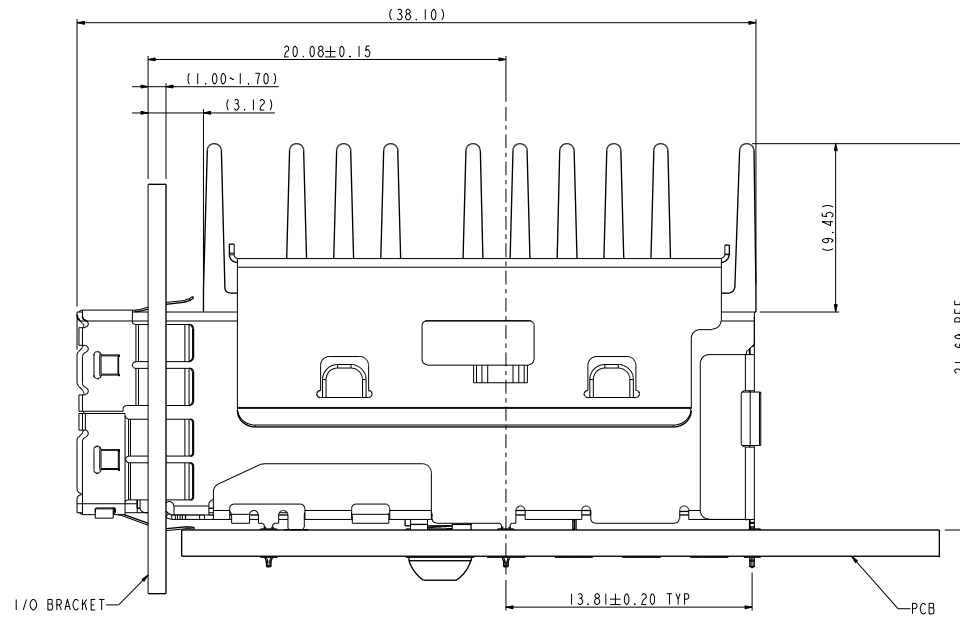
spec ref	-	dr	Benny Chen	2012-05-07	projection	MM	size	A2	scale	4,000
tolerance std	ISO 406	eng	De-Feng Qin	2013-03-01	chr	Jon Qin	2013-03-01	ecn no		
	ISO 1101	appr	Pei-Ming Zheng	2013-03-01	product family	MINI-SAS HD	rel level			
surface	linear	0.X	±0.50							
		0.XX	±0.30							
		0.XXX	±							
	angular	0°	±3°							
ISO 1302										



EXTERNAL ASSEMBLY WITH
WINDOW APPLIED TO PCB
10112626-103 & 103LF

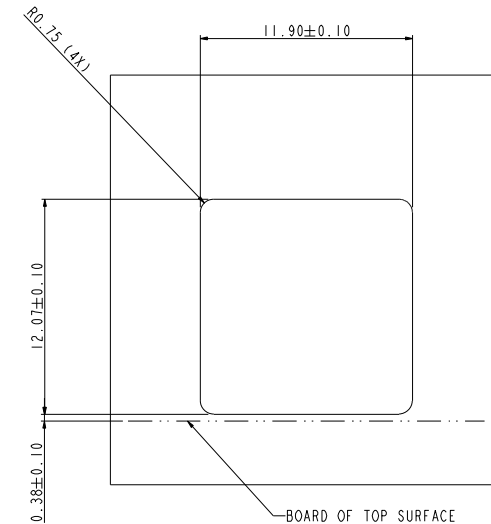


10112629-101 & 101LF
WITH HEAT SINK
(HEAT SINK AND HEAT SINK
MOUNTING CLIP FINAL ASSEMBLY
BY CUSTOMER)



SCALE 5.000

ASSEMBLED VIEW
WITH HEAT SINK

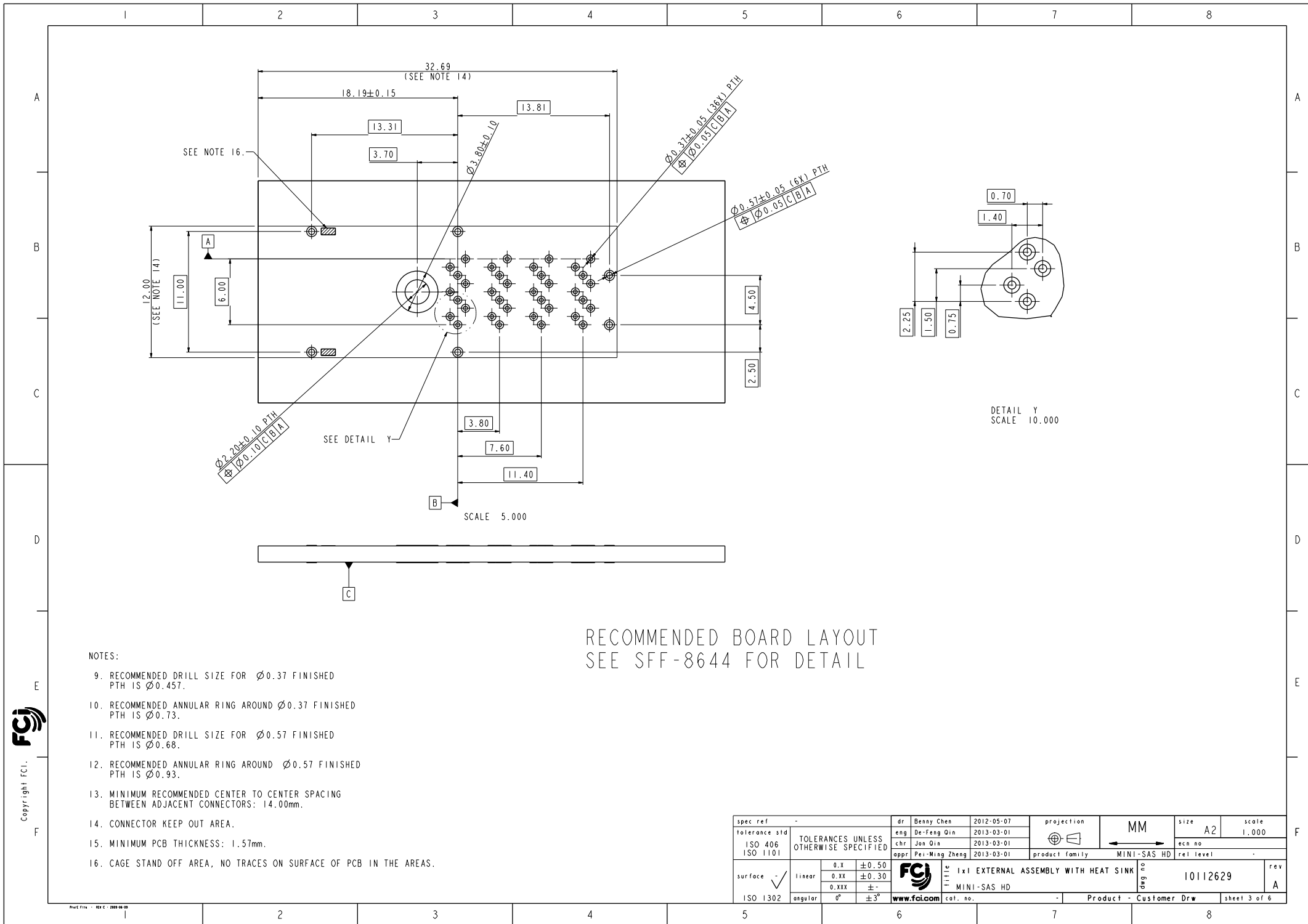


SCALE 5.000

I/O BRACKET CUT OUT
(BRACKET NOT SUPPLIED)

Copyright FCI.
FCI

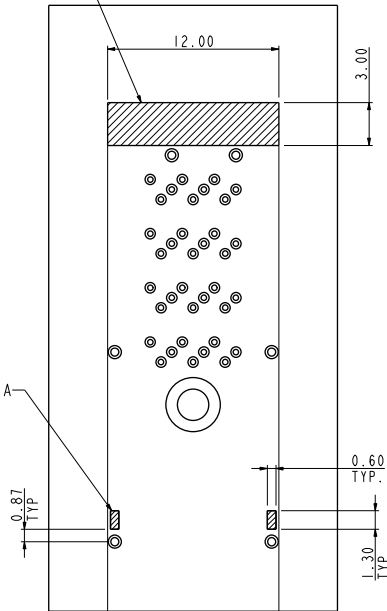
spec ref		-		dr		Benny Chen		2012-05-07		projection		MM		size		A2		scale		1.000	
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		De-Feng Qin		2013-03-01		chr		Jon Qin		2013-03-01		ecm no			
						appr		Pei-Ming Zheng		2013-03-01		product family		MINI-SAS HD		rel level					
surface		✓		linear		0.X		±0.50		FCI www.fci.com		1x1 EXTERNAL ASSEMBLY WITH HEAT SINK MINI-SAS HD		10112629		A		rev			
				0.XX		±0.30															
				0.XXX		±															
				angular		0°		±3°													
ISO 1302																					



RECOMMENDED KEEP OUT AREAS

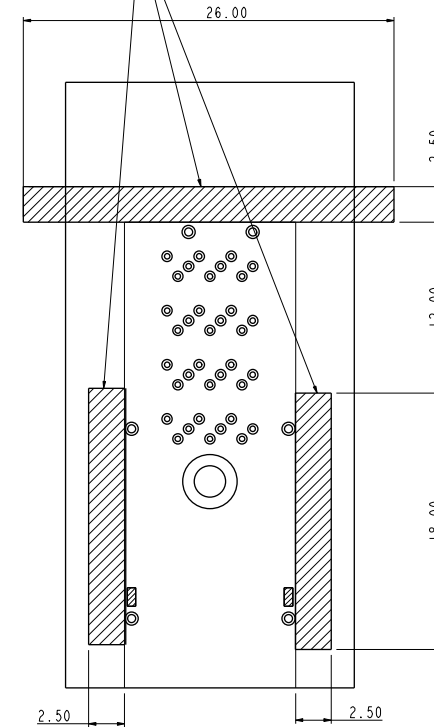
RECOMMENDED INSERTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THIS AREA
MORE THAN 7.50mm TALL

CAGE STAND OFF KEEP OUT AREA



SCALE 4.000

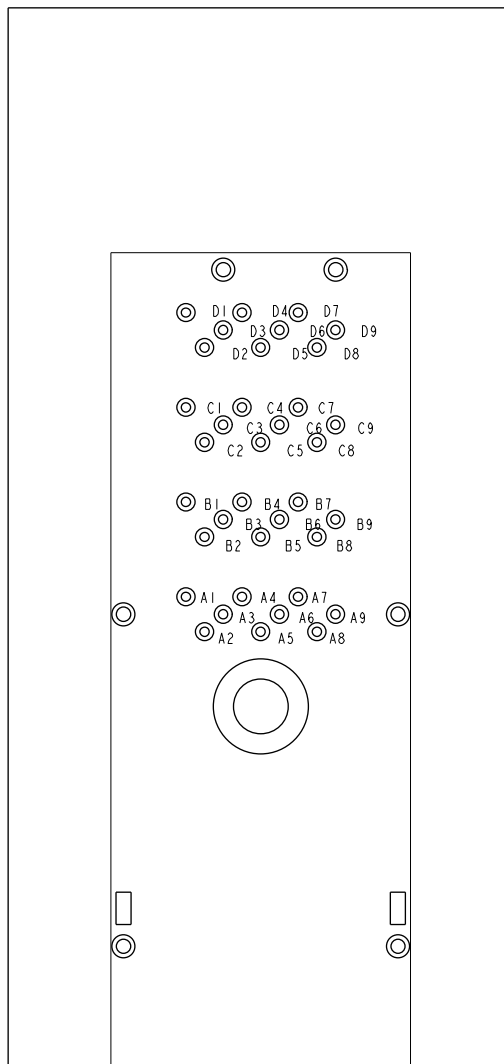
RECOMMENDED EXTRACTION TOOL
KEEP OUT AREA
NO COMPONENTS IN THESE AREAS



SCALE 4.000


spec ref	-	dr	Benny Chen	2012-05-07	projection	MM	size	A2	scale	1.000
tolerance std	ISO 406 ISO 1101	eng	De-Feng Qin	2013-03-01	chr	Jon Qin	2013-03-01	ecm no		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Pei-Ming Zheng	2013-03-01	product family	MINI-SAS HD	rel level			
surface	✓	linear	0.X ±0.50 0.XX ±0.30 0.XXX ±	FCI	1x1 EXTERNAL ASSEMBLY WITH HEAT SINK	cat. no.	10112629	rev	A	
	ISO 1302	angular	0° ±3°	www.fci.com	MINI-SAS HD					

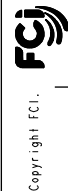
PIN OUT DESIGNATIONS



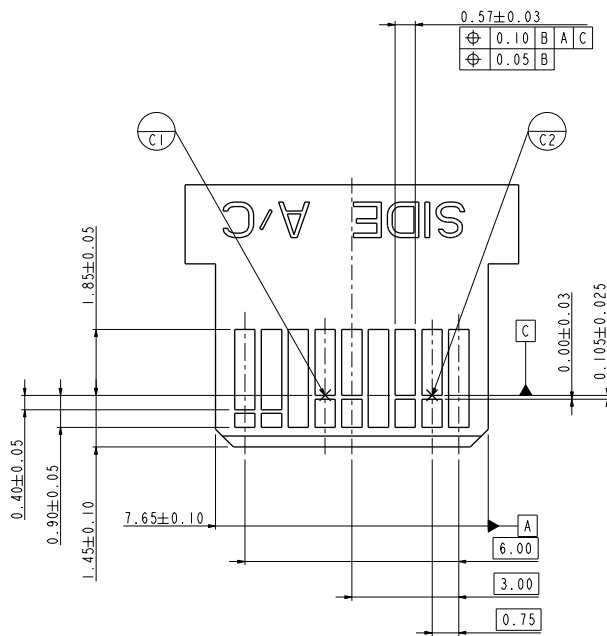
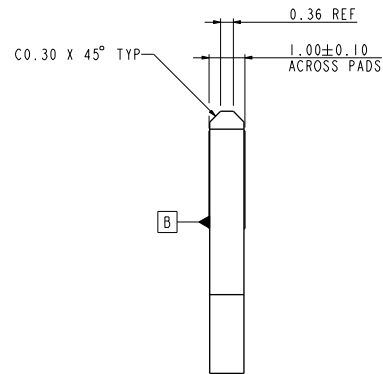
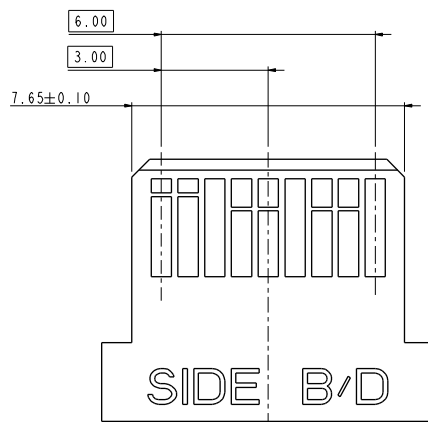
SCALE 7.000

Copyright FCI.
FCI

spec ref	-	dr	Benny Chen	2012-05-07	projection	MM	size	A2	scale	1.000		
tolerance std	ISO 406 ISO 1101	eng	De-Feng Qin	2013-03-01	chr	Jon Qin	2013-03-01	ecm no	-			
TOLERANCES UNLESS OTHERWISE SPECIFIED					appr	Pei-Ming Zheng	2013-03-01	product family	MINI-SAS HD	rel level	-	
surface	linear	0.X 0.XX 0.XXX	±0.50 ±0.30 ±-		1x1	EXTERNAL ASSEMBLY WITH HEAT SINK				10112629	rev	A
					MINI-SAS HD							
ISO 1302	angular	0°	±3°		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 5 of 6			



Copyright FCI.



- 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	Benny Chen	2012-05-07	projection	MM	size	A2	scale	1.000
tolerance std	ISO 406 ISO 1101	eng	De-Feng Qin	2013-03-01	chr	Jon Qin	2013-03-01	ecm no		
		appr	Pei-Ming Zheng	2013-03-01	product family	MINI-SAS HD	rel level	-		
surface	✓	linear	0.X ±0.50 0.XX ±0.30 0.XXX ±-		angular	0° ±3°	1x1 EXTERNAL ASSEMBLY WITH HEAT SINK MINI-SAS HD	10112629	rev	A
ISO 1302										

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[10112629-101LF](#)