

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
I		DUST COVER OPTION ADDED	APR16/15	CM
J		TABLE FOR HEAT SINK OPTION ADDED	NOV17/15	CM

**AMPHENOL PART NUMBER CONFIGURATION**  
**U98 - B 2 X X - X X X X**

**HEAT SINK OPTION**  
 SEE SHEET 5

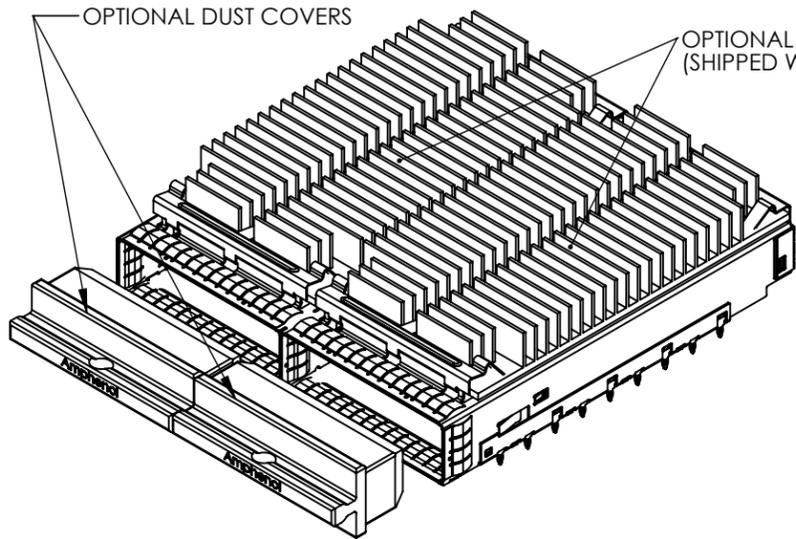
**INSULATING TAPE OPTION**  
 1 = STANDARD (NO INSULATING TAPE)  
 2 = WITH INSULATING TAPE ON BOTTOM CAGE

**PLATING**  
 1 = NICKEL

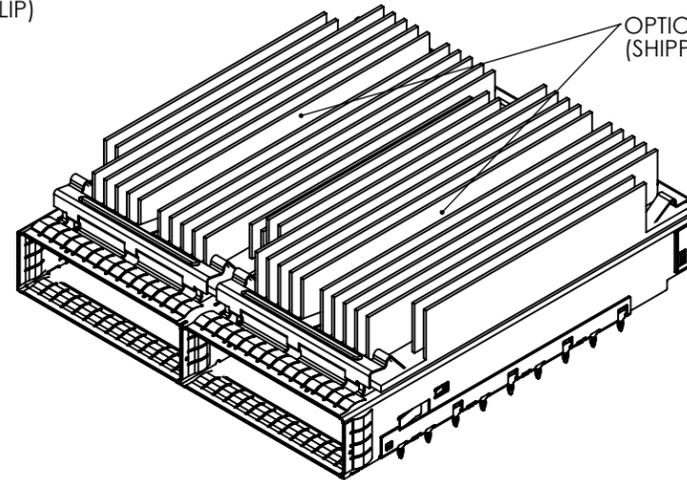
**PACKAGING**  
 1 = TRAY PACKAGING

**CONNECTOR COVER**  
 0 = WITH CONNECTOR COVER, WITHOUT KICKOUT SPRINGS  
 A = WITHOUT CONNECTOR COVER OR KICKOUT SPRINGS  
 B = WITHOUT CONNECTOR COVER, WITH KICKOUT SPRINGS  
 C = WITH CONNECTOR COVER & KICKOUT SPRINGS

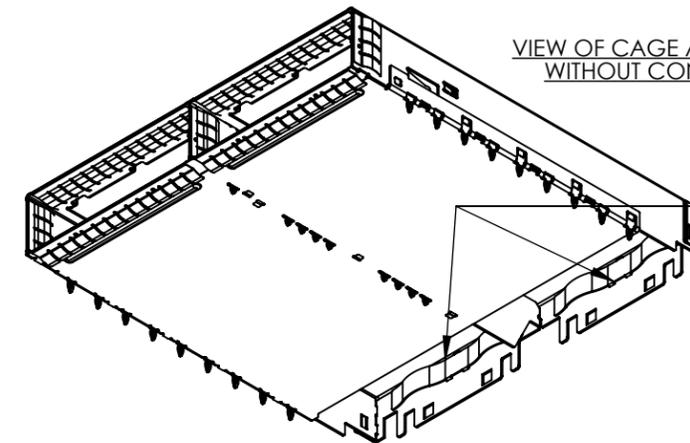
**DUST COVER OPTION**  
 0 = WITHOUT DUST COVER  
 D = WITH DUST COVER (PACKAGED SEPARATELY)



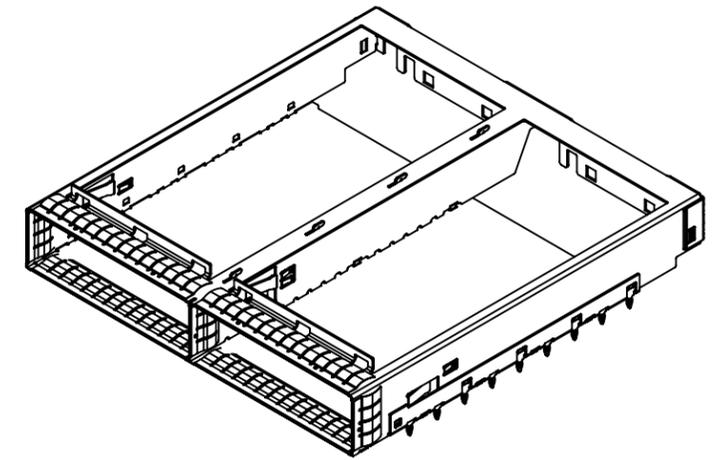
VIEW OF CAGE ASSEMBLY WITH STANDARD HEAT SINKS AND CLIPS ASSEMBLED, WITH DUST COVER, WITHOUT CONNECTOR COVER OR KICKOUT SPRINGS (P/N U98-B221-1DA1)



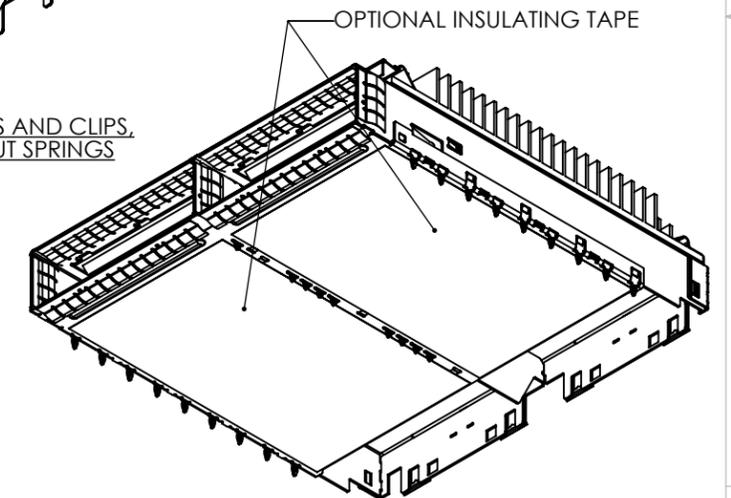
VIEW OF CAGE ASSEMBLY WITH FIN STYLE MATING AXIS ORIENTATION HEAT SINKS AND CLIPS ASSEMBLED, WITHOUT CONNECTOR COVER OR KICKOUT SPRINGS (P/N U98-B2D1-10A1)



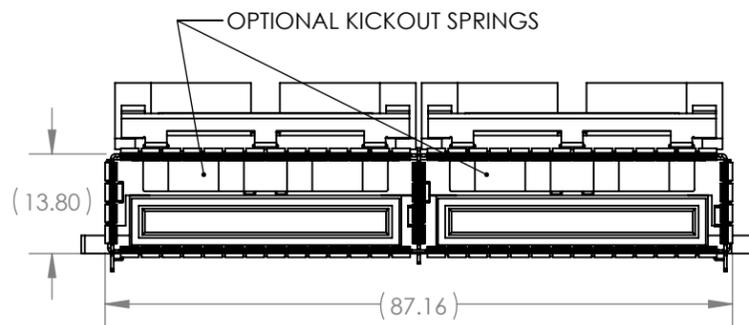
VIEW OF CAGE ASSEMBLY WITHOUT HEAT SINKS AND CLIPS, WITHOUT CONNECTOR COVER, WITH KICKOUT SPRINGS (P/N U98-B211-10B1)



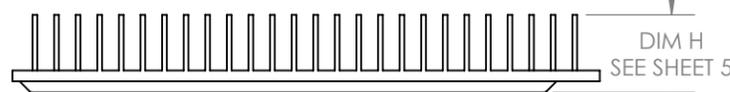
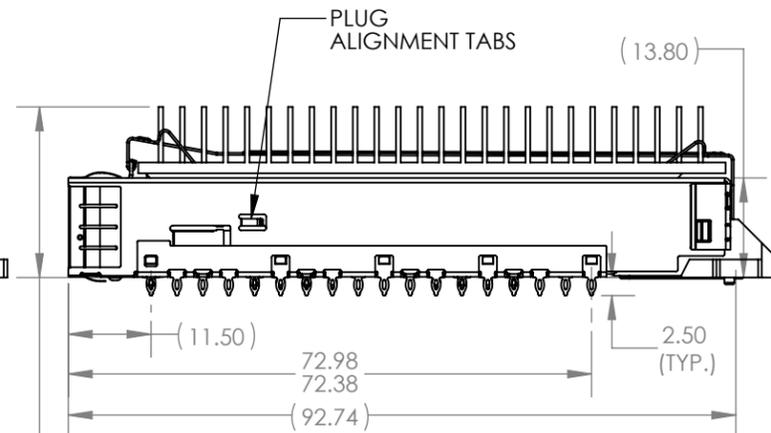
VIEW OF CAGE ASSEMBLY WITHOUT HEAT SINKS AND CLIPS, WITHOUT CONNECTOR COVER OR KICKOUT SPRINGS (P/N U98-B211-10A1)



VIEW OF CAGE ASSEMBLY WITH INSULATING TAPE OPTION, WITH STANDARD HEAT SINKS AND CLIPS ASSEMBLED, WITHOUT CONNECTOR COVER OR KICKOUT SPRINGS (P/N U98-B222-10A1)



DIM A  
 (WITH NO PLUG INSERTED)  
 SEE SHEET 5



VIEW OF HEAT SINK

**NOTES:**

- CAGE/EMI SPRINGS MATERIAL: COPPER ALLOY  
 HEAT SINK CLIP MATERIAL: STEEL ALLOY  
 HEAT SINK MATERIAL: ALUMINUM  
 CONNECTOR COVER: ZINC ALLOY  
 INSULATING TAPE: POLYIMIDE FILM  
 CAGE PLATING: 3.84µm (100µin) MIN. NICKEL  
 DUST COVER: CONDUCTIVE RUBBER
- CAGE IS INTENDED TO BE COMPLIANT WITH THE CFP2 TRANSCEIVER SPECIFICATION
- M1.4 STEEL SCREWS (2 PCS) ARE INCLUDED WITH CONNECTOR COVER OPTIONS (PACKAGED SEPARATELY). RECOMMENDED TORQUE IS 0.90±0.10in·lb.

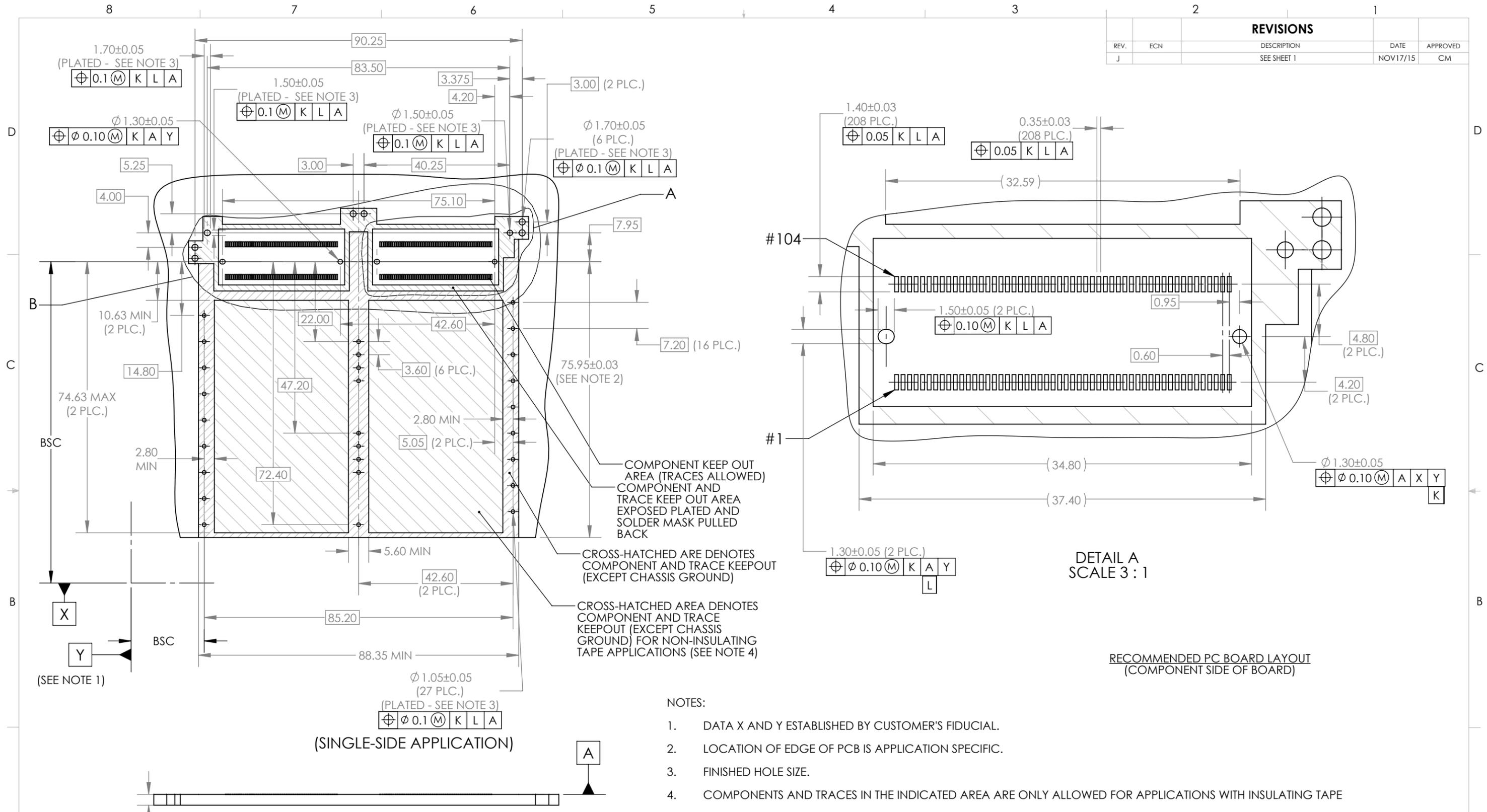


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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE	Amphenol High Speed Interconnects	
DECIMALS	ANGLES	DRAWN	T. OLOPADE	JAN11/13	TITLE
X.X ± 0.15	± 0.5°	DESIGNED	C.MICHLIK	JUN05/12	CFP2 DOUBLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS
X.XX ± 0.10		CHECKED	C.MICHLIK	OCT07/13	
MATERIAL AND FINISH		QA APP'D			SIZE
SEE NOTE 1					A3
REF.		IE APP'D			DWG. NO.
					P-U98-B2XX-XXXX
CODE IDENT. NO.	03554	DWG APP'D	C.MICHLIK	OCT07/13	SCALE
					1:1
					PROJECT
					SHEET
					1 OF 5

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
J		SEE SHEET 1	NOV17/15	CM



- NOTES:
1. DATA X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
  2. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
  3. FINISHED HOLE SIZE.
  4. COMPONENTS AND TRACES IN THE INDICATED AREA ARE ONLY ALLOWED FOR APPLICATIONS WITH INSULATING TAPE

(SINGLE-SIDE APPLICATION)

DETAIL A  
SCALE 3 : 1

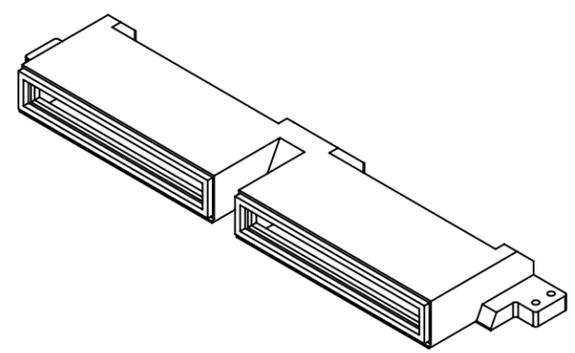
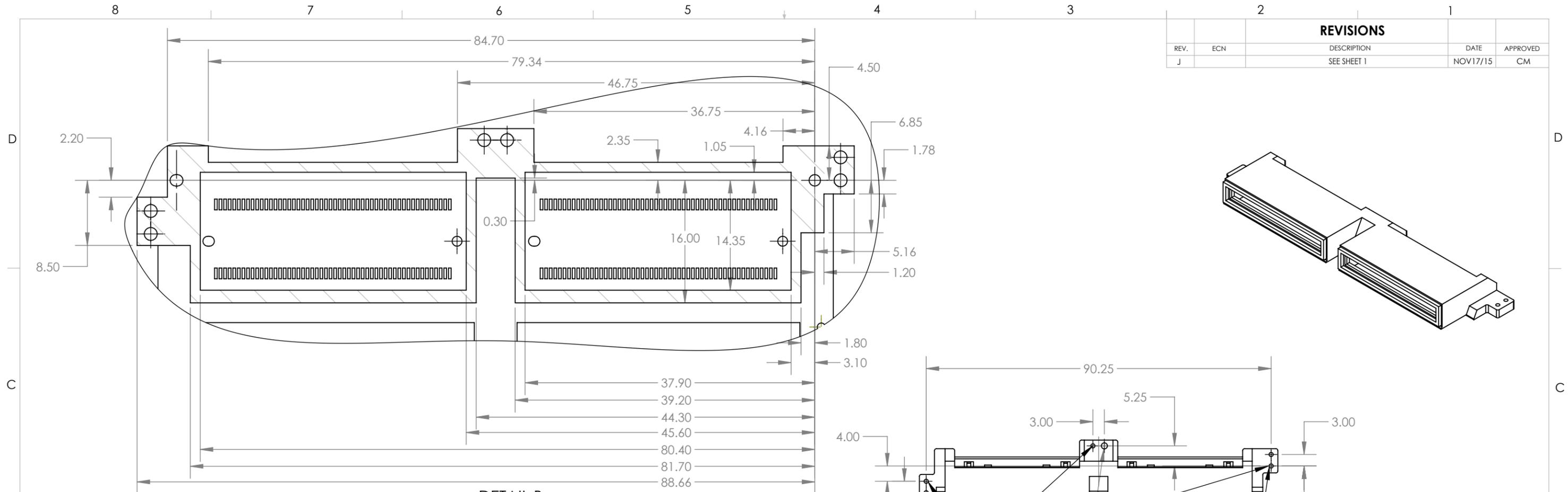
RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE OF BOARD)

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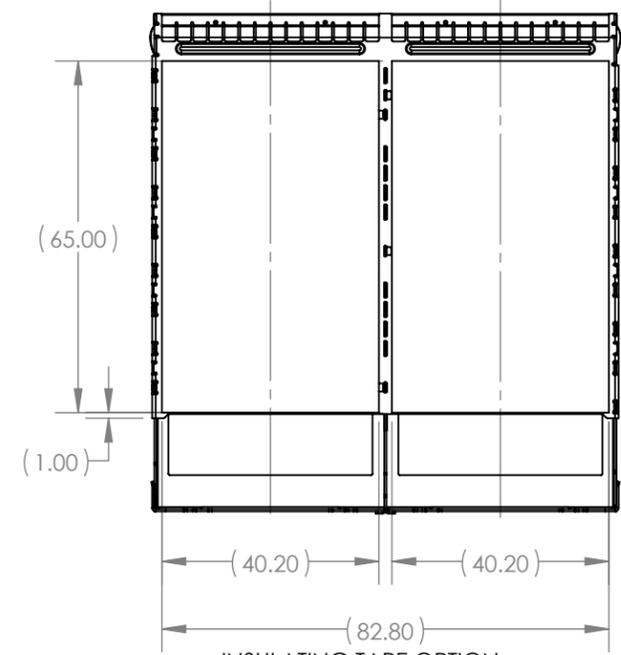
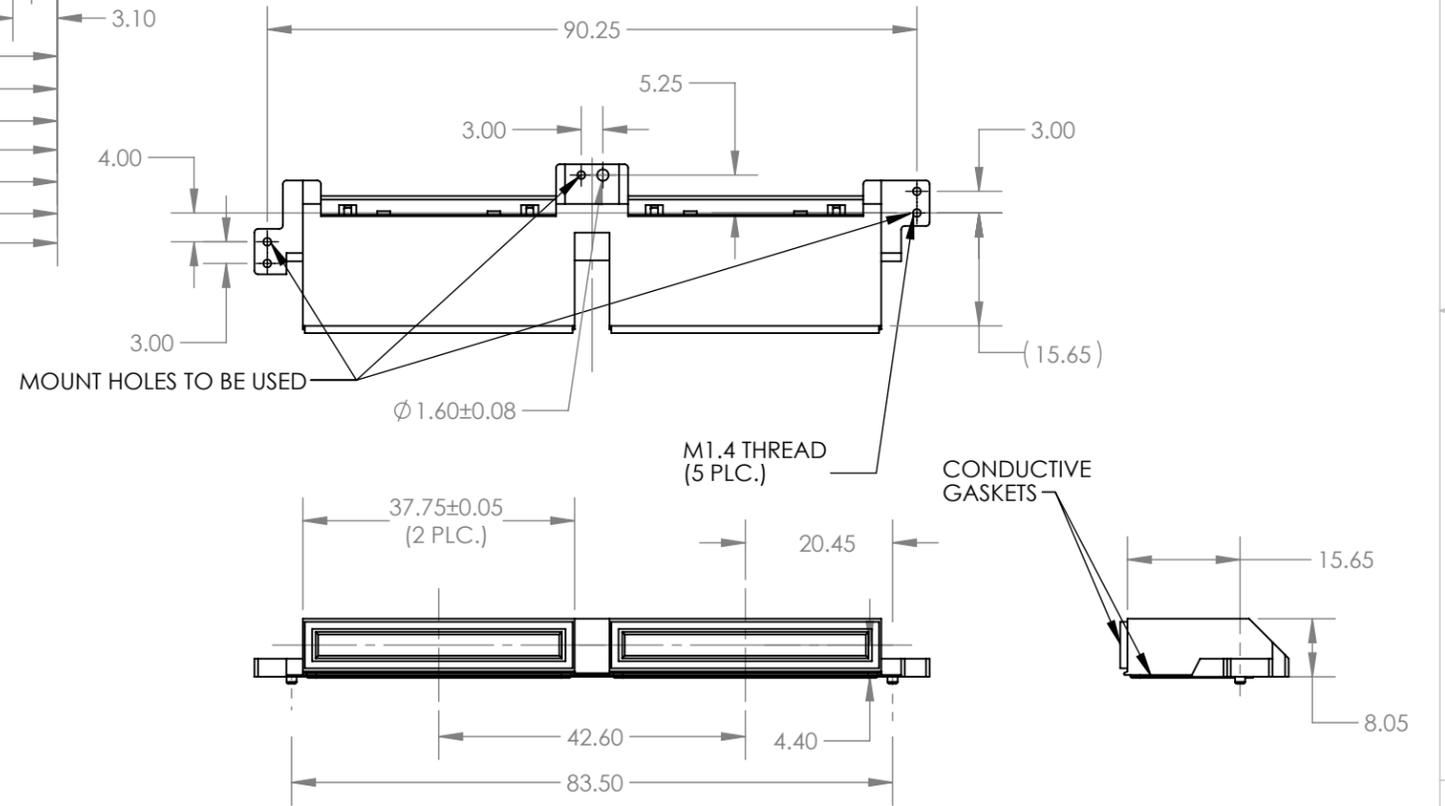
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X.X ± 0.15	± 0.5°	DESIGNED	C.MICHLIK	JUN05/12					
X.XX ± 0.10		CHECKED	C.MICHLIK	OCT07/13					
MATERIAL AND FINISH SEE NOTE 1		QA APP'D			SIZE A3				
REF.		IE APP'D			DWG. NO.	P-U98-B2XX-XXXX	REV.	J	
CODE IDENT. NO.	03554	DWG APP'D	C.MICHLIK	OCT07/13	SCALE	1:1	PROJECT	SHEET	2 OF 5

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DETAIL B  
SCALE 2 : 1



INSULATING TAPE OPTION  
(P/N U98-B212-10A1 SHOWN)

CONNECTOR COVER (OPTIONAL)  
(SHIPPED LOOSE WITH M1.4 MOUNTING SCREWS  
IN SEPARATE PACKAGE)

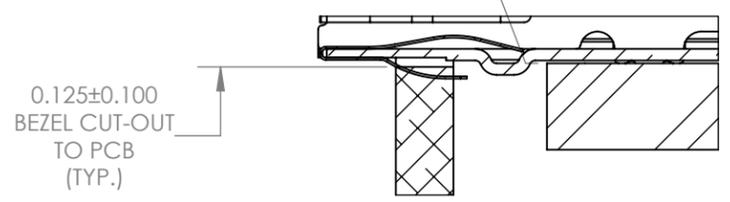
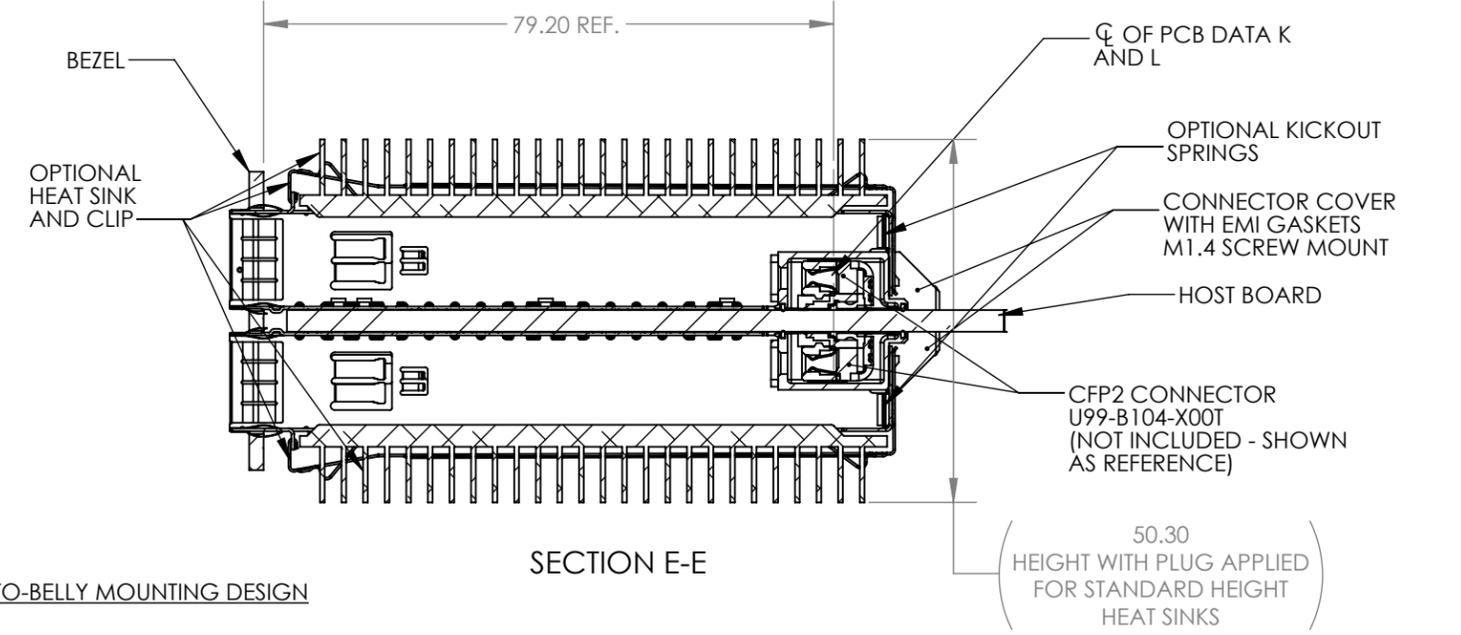
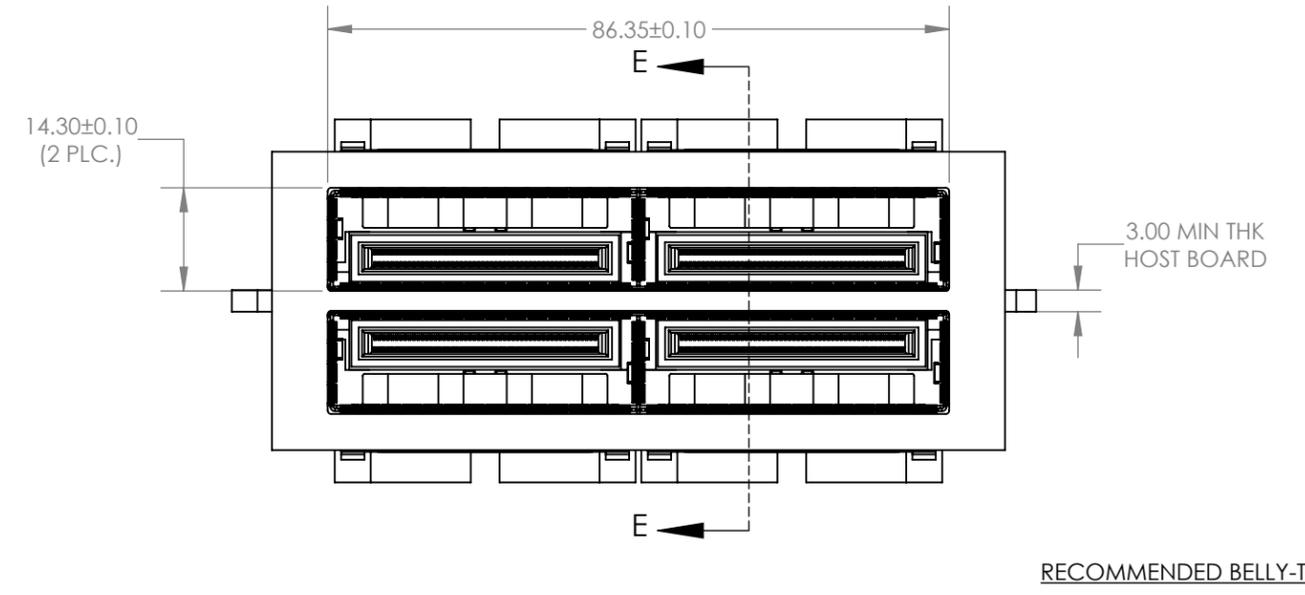
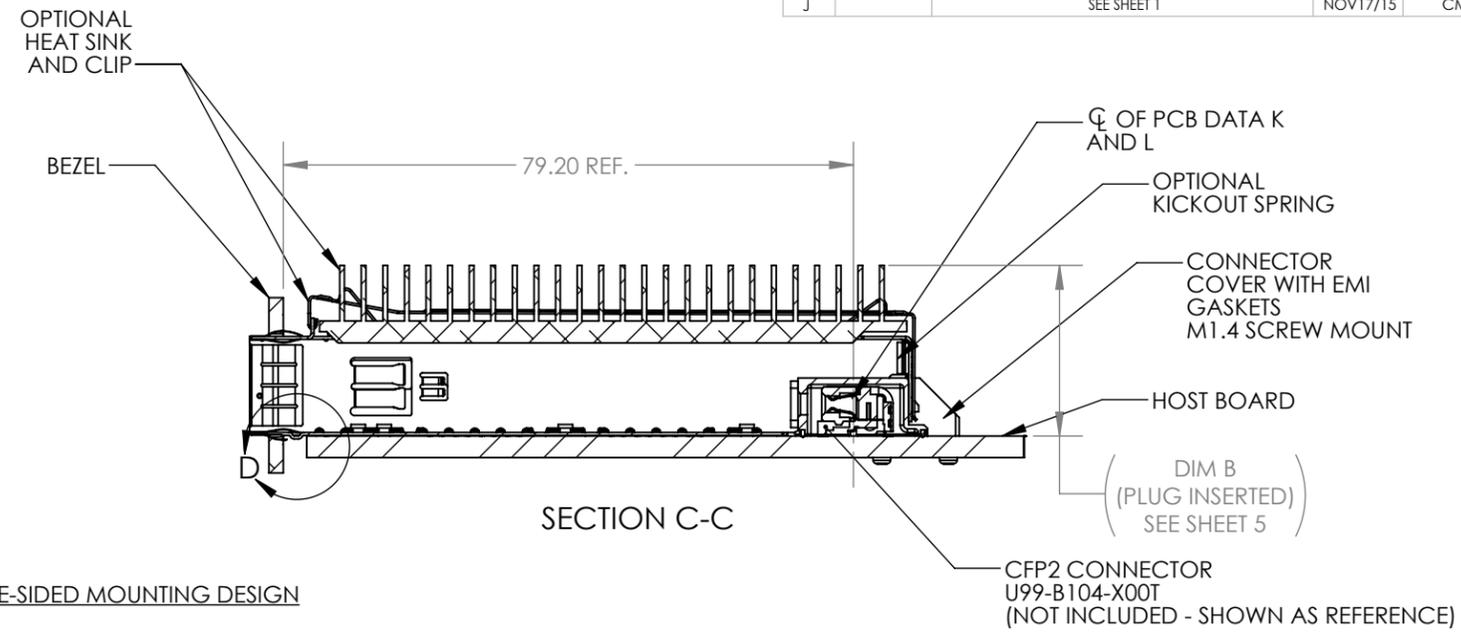
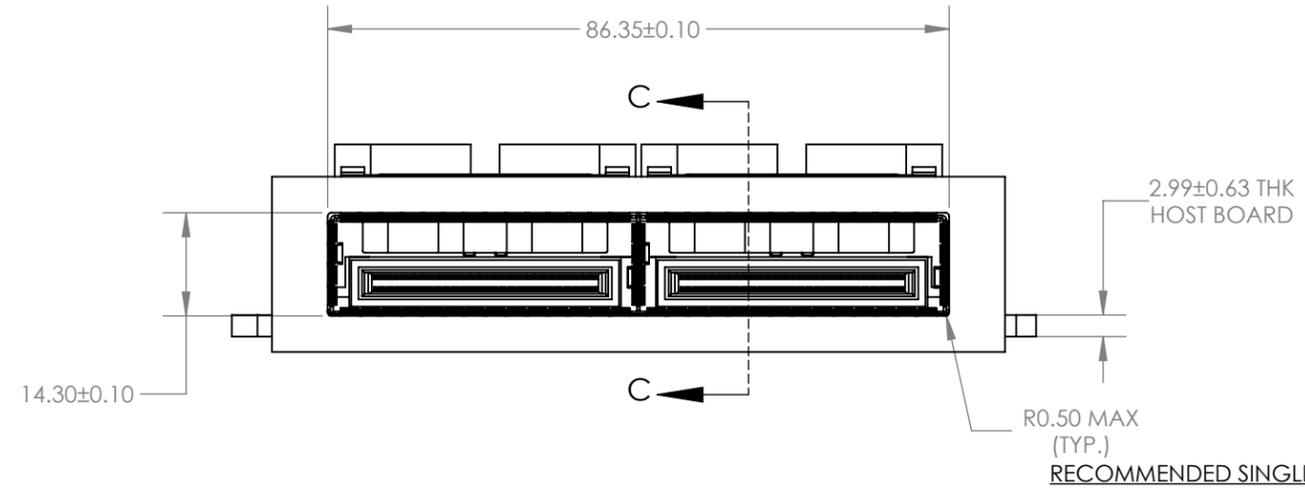
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X.XX ± 0.10		CHECKED	C.MICHLIK	OCT07/13		
MATERIAL AND FINISH		QA APPD				
SEE NOTE 1						
REF.		IE APP'D			SIZE	DWG. NO.
					A3	P-U98-B2XX-XXXX
CODE IDENT. NO.	03554	DWG APP'D	C.MICHLIK	OCT07/13	SCALE	PROJECT
					1:1	SHEET
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**REVISIONS**

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DETAIL D  
SCALE 4 : 1

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X.X ± 0.15	± 0.5°	DESIGNED C. MICHLIK	JUN05/12		
X.XX ± 0.10		CHECKED C. MICHLIK	OCT07/13		
MATERIAL AND FINISH SEE NOTE 1		QA APP'D		SIZE <b>A3</b>	
REF.		IE APP'D		DWG. NO. <b>P-U98-B2XX-XXXX</b>	REV. <b>J</b>
CODE IDENT. NO.	<b>03554</b>	DWG APP'D C. MICHLIK	OCT07/13	SCALE <b>1:1</b>	PROJECT SHEET <b>4 OF 5</b>

**REVISIONS**

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HEAT SINK OPTION	GEOMETRY	MATERIAL	PLATING	CLIP	DIM A SHT 1 A7	DIM B SHT 4 C1	DIM H SHT 1 A4
1	NO HEAT SINK	N/A	N/A	NO	N/A	N/A	N/A
2	FIN, SIDE TO SIDE	ALUMINUM ALLOY	BLACK HARD COAT ANODIZE	YES	23.00	23.65	10.75
4	FIN, SIDE TO SIDE	ALUMINUM ALLOY	BLACK HARD COAT ANODIZE	YES	20.00	20.65	7.75
D	FIN, FRONT TO BACK	ALUMINUM ALLOY	NICKEL PLATING	YES	23.00	23.65	10.75
M	FIN, FRONT TO BACK	ALUMINUM ALLOY	BLACK HARD COAT ANODIZE	YES	23.00	23.65	10.75

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		DWG APP'D C.MICHLIK	OCT07/13	SIZE A3	DWG. NO. P-U98-B2XX-XXXX
				SCALE 1:1	PROJECT
					REV. J
					SHEET 5 OF 5

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