

AMPHENOL PART NUMBER CONFIGURATION
U98 - C 1 X X - X 0 X X

HEAT SINK OPTION

- 1 = NO HEAT SINK SHIPPED
- 2 = STANDARD HEAT SINK (HARD COAT ANODIZED) (H=14.00mm)
- B = POST HEAT SINK (HARD COAT ANODIZED) (H=11.00mm)
- M = FIN STYLE, MATING AXIS ORIENTATION HEAT SINK (HARD COAT ANODIZED) (H=14.00mm)

INSULATING TAPE OPTION

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

PACKAGING

- 1 = TRAY PACKAGING

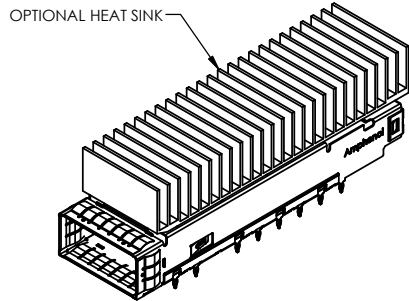
CONNECTOR COVER & KICKOUT SPRING

- B = WITHOUT CONNECTOR COVER, WITH KICKOUT SPRING
- C = WITH CONNECTOR COVER, WITH KICKOUT SPRING

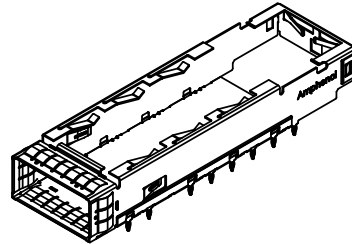
PLATING

- 1 = NICKEL

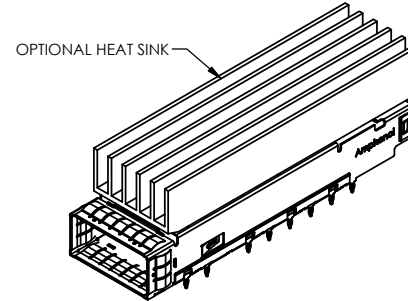
REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
E		HEAT SINK OPTION ADDED	AUG19/14	CM
F		MINOR REVISIONS TO NOTES & DIMENSIONS	SEP12/14	AS
G		CORRECTION TO PART NUMBER TREE (SHT 1 D4)	NOV27/14	AS
H		PCB LAYOUT NOTE CORRECTED	FEB13/15	CM
J		HEAT SINK OPTION ADDED	MAR 31/15	AS



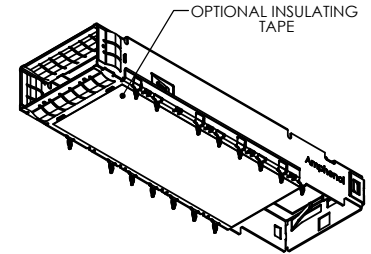
VIEW OF CAGE ASSEMBLY WITH STANDARD HEAT SINK WITHOUT CONNECTOR COVER (U98-C121-10B1)



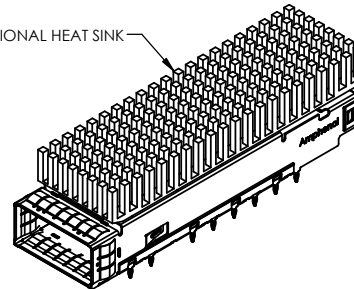
VIEW OF CAGE ASSEMBLY WITHOUT HEAT SINK AND WITHOUT CONNECTOR COVER (U98-C111-10B1)



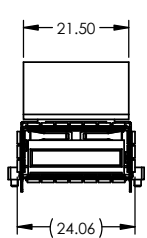
VIEW OF CAGE ASSEMBLY WITH FIN STYLE MATING AXIS ORIENTATION HEAT SINK, WITHOUT CONNECTOR COVER (U98-C1M1-10B1)



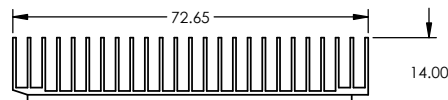
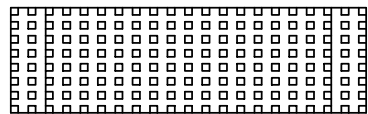
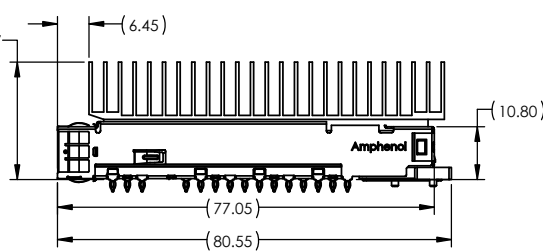
VIEW OF CAGE ASSEMBLY WITHOUT HEAT SINK AND WITHOUT CONNECTOR COVER, INCLUDING INSULATING TAPE OPTION (U98-C112-10B1)



VIEW OF CAGE ASSEMBLY WITH POST HEAT SINK WITHOUT CONNECTOR COVER (U98-C1B1-10B1)



23.55
(WITH NO PLUG APPLIED, FOR STANDARD HEIGHT HEAT SINK)



VIEW OF STANDARD HEAT SINK



VIEW OF POST HEAT SINK 11.0 HIGH

DO NOT SCALE DRAWING

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NOTES:

- CAGE AND EMI SPRINGS MATERIAL: COPPER ALLOY
HEAT SINK MATERIAL: ALUMINUM
CONNECTOR COVER: ZINC ALLOY
INSULATING TAPE: POLYIMIDE FILM
CAGE PLATING: 3.81µm (100µin) MIN. NICKEL
- CAGE IS INTENDED TO BE COMPLIANT WITH THE CFP4 TRANSCEIVER SPECIFICATION.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:

DECIMALS ANGLES
XX ± 0.15 ± 0.5°
X.XX ± 0.10

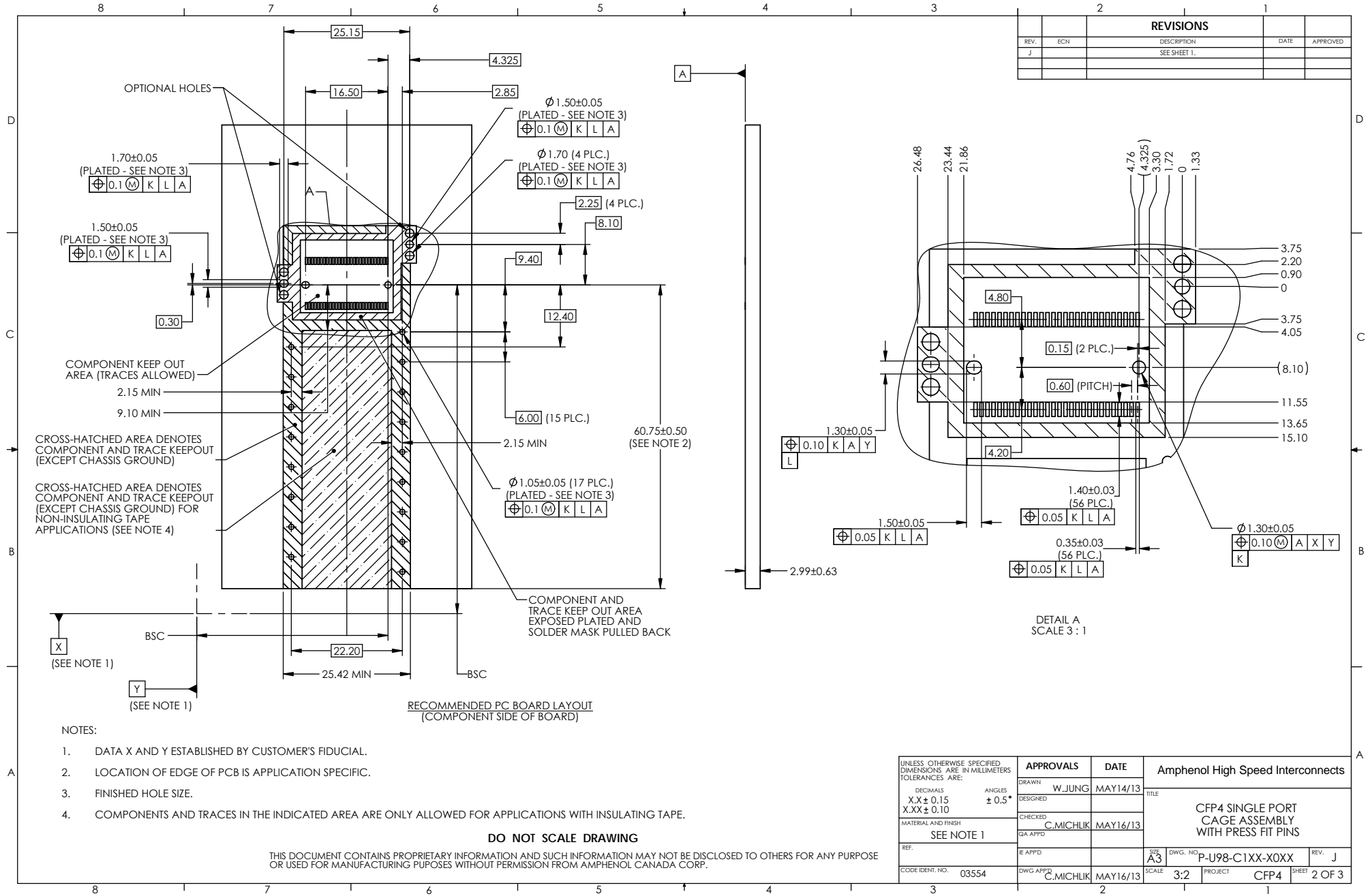
MATERIAL AND FINISH SEE NOTE 1

REF. CODE IDENT. NO. 03554

APPROVALS	DATE
DRAWN W.JUNG	MAY14/13
DESIGNED	
CHECKED C.MICHLIK	MAY16/13
QA APPD	
E APPD	
DWG APPD C.MICHLIK	MAY16/13

Amphenol High Speed Interconnects			
TITLE	SCALE	PROJECT	SHEET
CFP4 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS	1:1	CFP4	1 OF 3

SIZE	DWG. NO.	REV.
A3	P-U98-C1XX-X0XX	J



REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
J		SEE SHEET 1.		

DETAIL A
SCALE 3 : 1

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE OF BOARD)

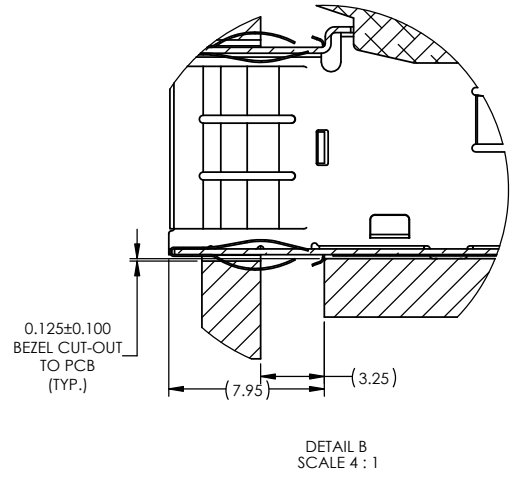
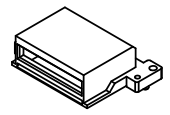
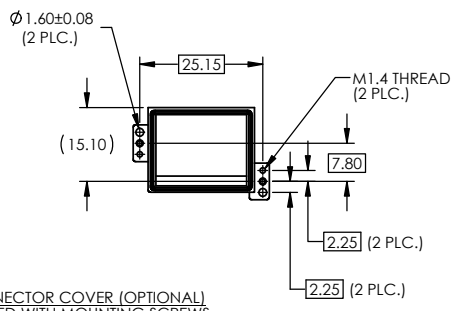
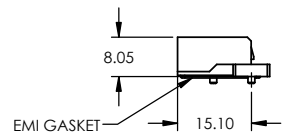
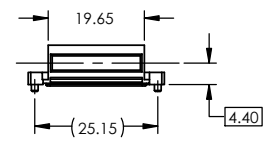
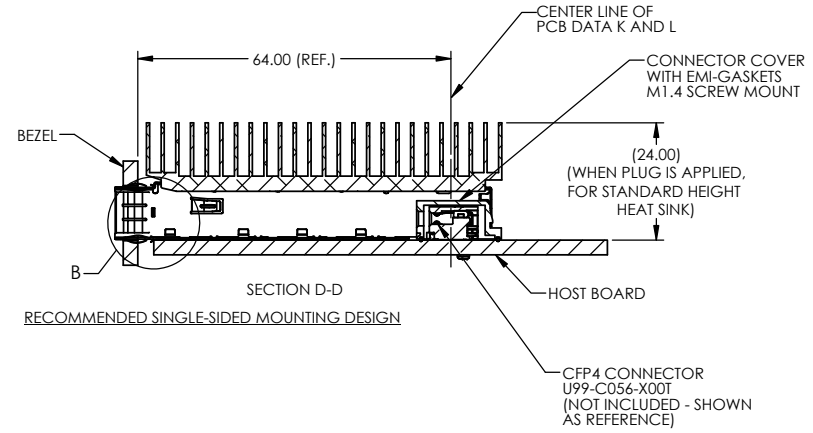
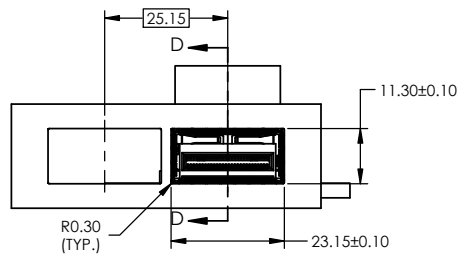
- NOTES:
1. DATA X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
 2. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
 3. FINISHED HOLE SIZE.
 4. COMPONENTS AND TRACES IN THE INDICATED AREA ARE ONLY ALLOWED FOR APPLICATIONS WITH INSULATING TAPE.

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS ANGLES XX ± 0.15 ± 0.5° X.XX ± 0.10	APPROVALS	DATE	Amphenol High Speed Interconnects		
	DRAWN W.JUNG	MAY14/13	TITLE		
	DESIGNED		CFP4 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS		
	CHECKED C.MICHLIK	MAY16/13	PROJECT		
MATERIAL AND FINISH	SEE NOTE 1		GA APPD		
REF.	E APPD		SIZE A3	DWG. NO. P-U98-C1XX-X0XX	REV. J
CODE IDENT. NO. 03554	DWG APPD C.MICHLIK	MAY16/13	SCALE 3:2	PROJECT CFP4	SHEET 2 OF 3

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
J		SEE SHEET 1.		



CONNECTOR COVER (OPTIONAL)
 (SHIPPED WITH MOUNTING SCREWS
 IN SEPARATE PACKAGING)

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<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:</small> DECIMALS: X.X ± 0.15 X.XX ± 0.10 ANGLES: ± 0.5° MATERIAL AND FINISH: SEE NOTE 1 REF. CODE IDENT. NO.: 03554	APPROVALS DRAWN: W.JUNG DESIGNED: CHECKED: C.MICHLIK GA APPD: E APPD: DWG APPD: C.MICHLIK	DATE MAY14/13 MAY16/13 MAY16/13	Amphenol High Speed Interconnects TITLE: CFP4 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS		
	SIZE: A3 SCALE: 1:1		DWG. NO.: P-U98-C1XX-X0XX PROJECT: CFP4	REV.: J SHEET: 3 OF 3	
	MAY16/13		1	1	1
	2		1	1	1