

8 7 6 5 4 3 2 1

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
F		ADDED HEAT SINK OPTION TABLE	DEC17/14	CM
G		ADDED DUST COVER OPTION	APR16/15	CM
H		PART NUMBER AND DATE CODE MARKING ADDED	AUG22/16	CM

AMPHENOL PART NUMBER CONFIGURATION
U98 - B 1 X X - X X X X

HEAT SINK OPTION
SEE SHEET 4

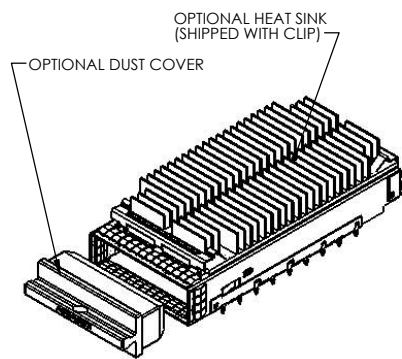
INSULATING TAPE OPTION
1 = STANDARD (NO INSULATING TAPE)
2 = WITH INSULATING TAPE ON BOTTOM CAGE

PLATING
1 = NICKEL

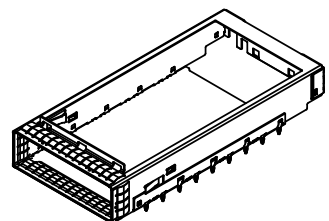
DUST COVER OPTION
0 = WITHOUT DUST COVER
D = WITH DUST COVER (PACKAGED SEPARATELY)

PACKAGING
1 = TRAY PACKAGING

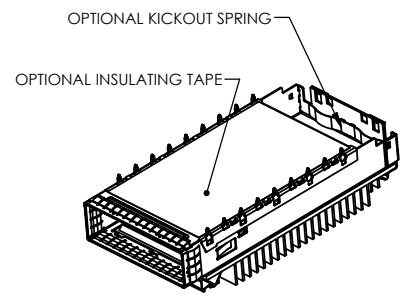
CONNECTOR COVER
0 = WITH CONNECTOR COVER, NO KICKOUT SPRING
A = WITHOUT CONNECTOR COVER OR KICKOUT SPRING
B = WITHOUT CONNECTOR COVER, WITH KICKOUT SPRING
C = WITH CONNECTOR COVER & KICKOUT SPRING



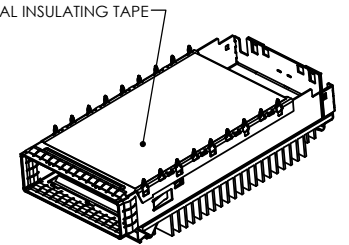
SCALE 1:1.5
VIEW OF CAGE ASSEMBLY WITH STANDARD HEAT SINK AND CLIP ASSEMBLED, WITH DUST COVER, WITHOUT CONNECTOR COVER OR KICKOUT SPRING (P/N U98-B121-1DA1)



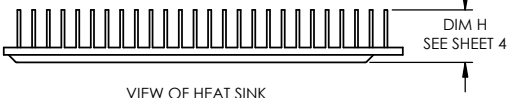
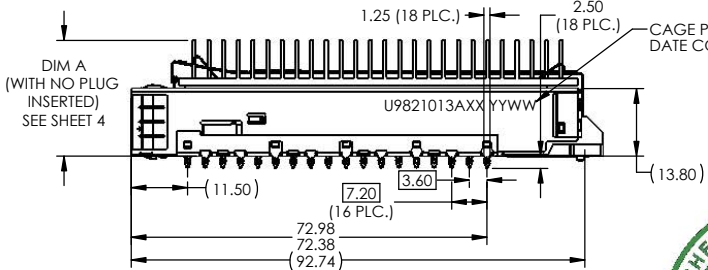
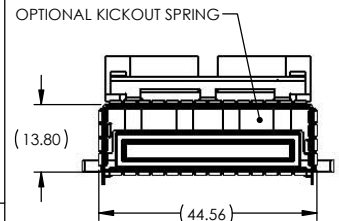
SCALE 1:1.5
VIEW OF CAGE ASSEMBLY WITHOUT HEAT SINK AND CLIP, WITHOUT CONNECTOR COVER OR KICKOUT SPRING (P/N U98-B111-10A1)



SCALE 1:1.5
BOTTOM VIEW OF CAGE ASSEMBLY WITH STANDARD HEAT SINK, KICK-OUT SPRING, AND INSULATING TAPE OPTION, WITHOUT CONNECTOR COVER (P/N U98-B122-10B1)



SCALE 1:1.5
BOTTOM VIEW OF CAGE ASSEMBLY WITH STANDARD HEAT SINK AND INSULATING TAPE OPTION, WITHOUT CONNECTOR COVER OR KICK-OUT SPRING (P/N U98-B122-10A1)



VIEW OF HEAT SINK

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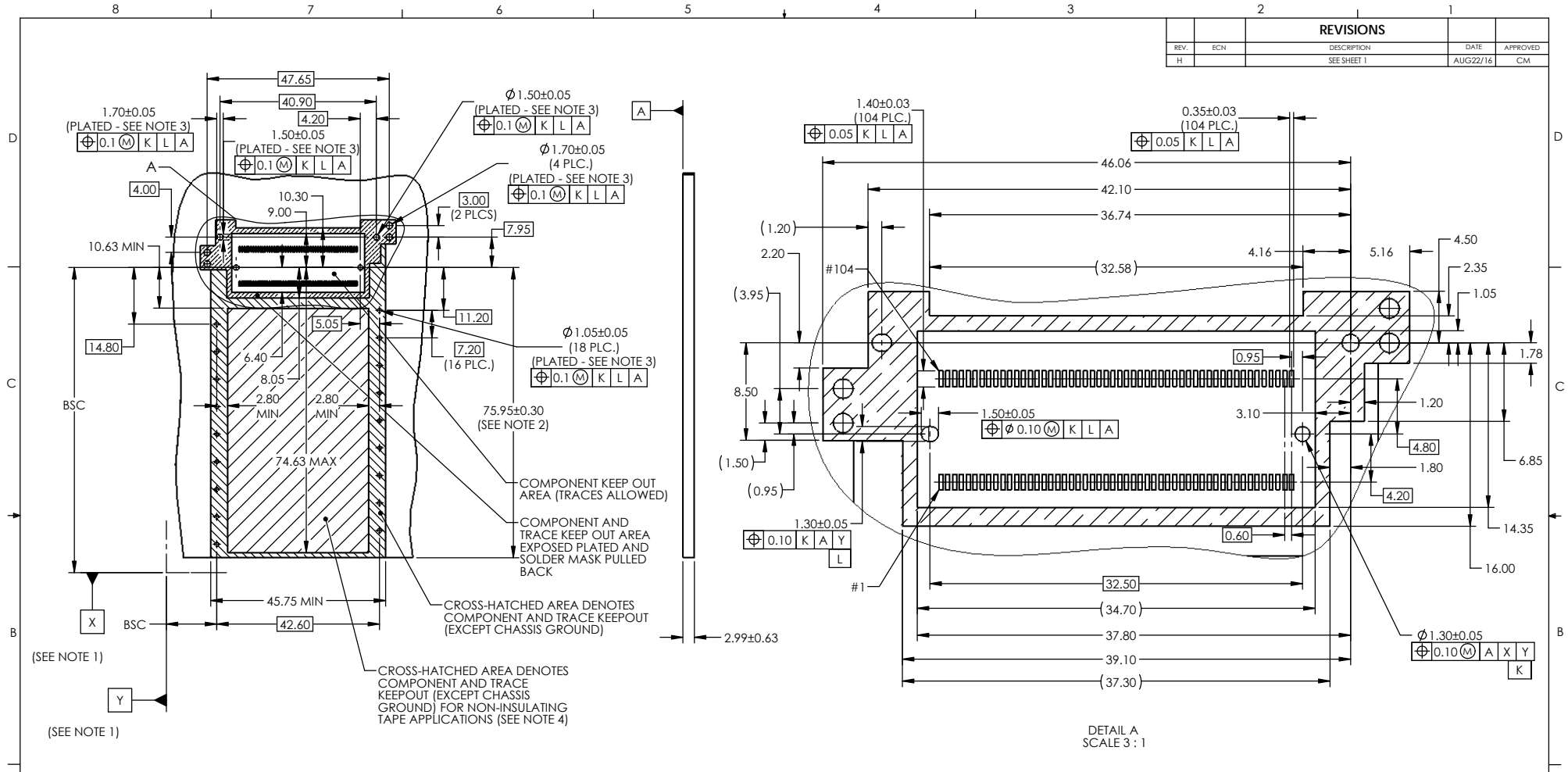
NOTES:

- CAGE AND 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: 3.81µm (100µin) MIN. NICKEL
DUST COVER: CONDUCTIVE RUBBER
- CAGE IS INTENDED TO BE COMPLIANT WITH THE CFP2 TRANSCEIVER SPECIFICATION.
- M1.4 STEEL SCREWS (4 PCS) ARE INCLUDED WITH CONNECTOR COVER OPTIONS (PACKAGED SEPARATELY). RECOMMENDED TORQUE IS 0.90±0.10in.-lb.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol High Speed Interconnects	
DECIMALS	ANGLES	DRAWN	T. LOLOPADE		JAN11/13		TITLE
XX ± 0.15	± 0.5°	DESIGNED	C. MICHLIK		JUN05/12		CFP2 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS
X.XX ± 0.10		CHECKED	C. MICHLIK		OCT07/13		
MATERIAL AND FINISH		GA APPD					
SEE NOTE 1		E APPD				SIZE A3 DWG. NO. P-U98-B1XX-XXXX REV. H	
REF.		DWG APPD		C. MICHLIK		SCALE 1:1 PROJECT SHEET 1 OF 4	
CODE IDENT. NO.	03554			OCT07/13			

8 7 6 5 4 3 2 1

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
H		SEE SHEET 1	AUG22/16	CM



RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE OF BOARD)

DETAIL A
SCALE 3 : 1

NOTES:

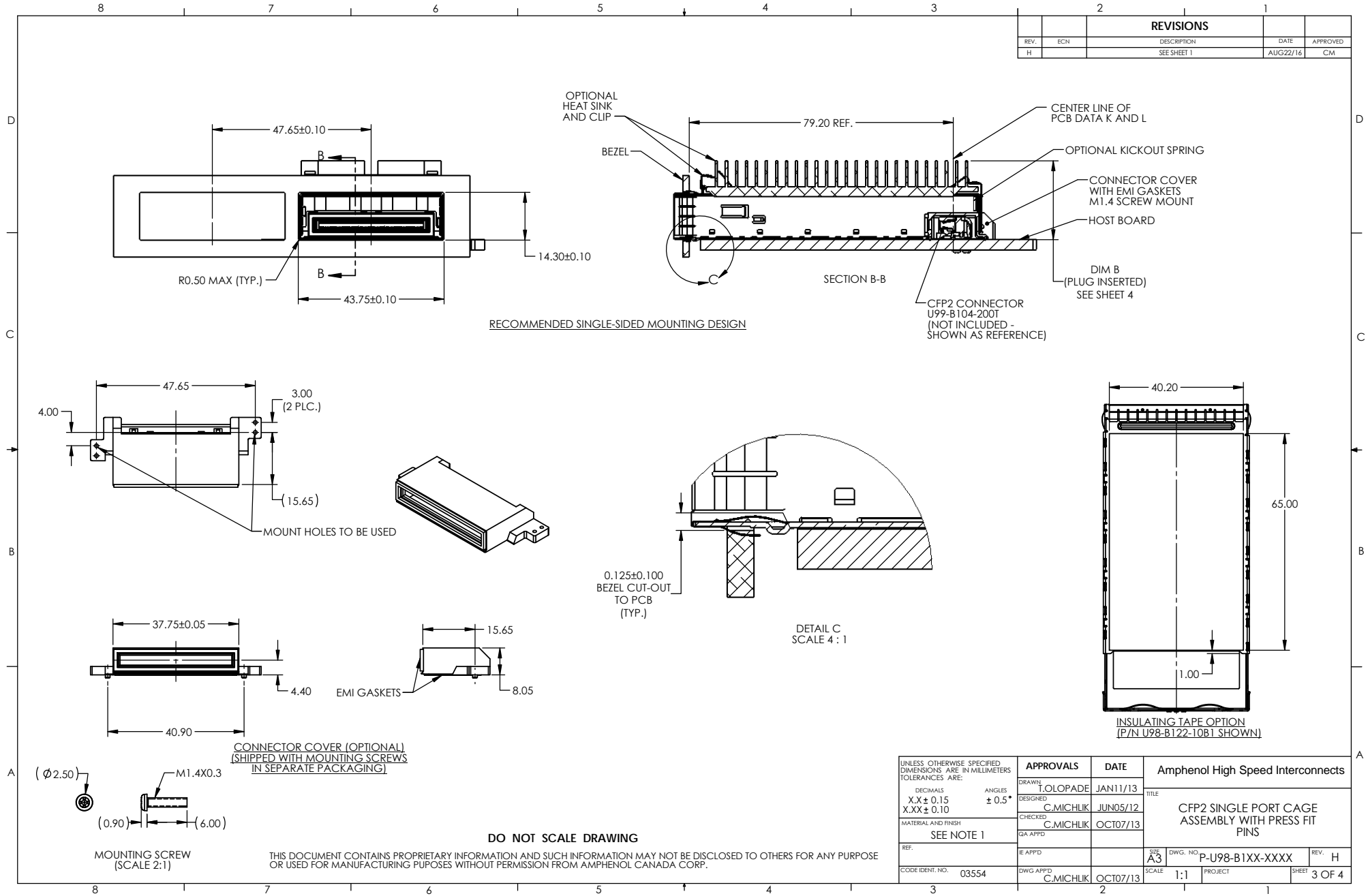
- DATA X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
- LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
- FINISHED HOLE SIZE.
- COMPONENTS AND TRACES IN INDICATED AREA ARE ONLY ALLOWED FOR APPLICATIONS WITH INSULATING TAPE

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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: T. LOLOPADE	JAN11/13	TITLE	
	DESIGNED: C. MICHLIK	JUN05/12	CFP2 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS	
	CHECKED: C. MICHLIK	OCT07/13	GA APPD	
MATERIAL AND FINISH	SEE NOTE 1		E APPD	
REF.	E APPD		SIZE: A3	DWG. NO: P-U98-B1XX-XXXX
CODE IDENT. NO. 03554	DWG APPD: C. MICHLIK	OCT07/13	SCALE: 1:1	PROJECT
				REV: H
				SHEET 2 OF 4

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
H		SEE SHEET 1	AUG22/16	CM



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: DECIMALS .XX ± 0.15 X.XX ± 0.10 MATERIAL AND FINISH SEE NOTE 1 REF. CODE IDENT. NO. 03554	APPROVALS	DATE	Amphenol High Speed Interconnects TITLE CFP2 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS SIZE A3 DWG. NO. P-U98-B1XX-XXXX REV. H SCALE 1:1 PROJECT SHEET 3 OF 4	
	DRAWN: T. LOLOPADE	JAN11/13		
	DESIGNED: C. MICHLIK	JUN05/12		
	CHECKED: C. MICHLIK	OCT07/13		
	GA APPD			
	E APPD			
	DWG APPD: C. MICHLIK	OCT07/13		

REVISIONS				
REV.	ECN	DESCRIPTION	DATE	APPROVED
H		SEE SHEET 1	AUG22/16	CM

HEAT SINK OPTION	GEOMETRY	MATERIAL	PLATING	CLIP	DIM A SHT 1 B7	DIM B SHT 3 A2	DIM H SHT 1 A5
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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS		DATE		Amphenol High Speed Interconnects	
DECIMALS: X.X ± 0.15 X.XX ± 0.10		DRAWN: T. LOLOPADE		JAN11/13			
ANGLES: ± 0.5°		DESIGNED: C. MICHLIK		JUN05/12		CFP2 SINGLE PORT CAGE ASSEMBLY WITH PRESS FIT PINS	
MATERIAL AND FINISH: SEE NOTE 1		CHECKED: C. MICHLIK		OCT07/13			
REF:		GA APPD:		SIZE: A3		DWG. NO: P-U98-B1XX-XXXX	
CODE IDENT. NO: 03554		DWG APPD: C. MICHLIK		SCALE: 1:1		PROJECT: SHEET 4 OF 4	
				OCT07/13		REV: H	

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