

U92 - A1X0 - 1X0X - XX

HEAT SINK OPTION

- 1 - NO HEAT SINK, NO CLIP
- 2 - FIN STYLE HEAT SINK (BLACK OXIDE) WITH CLIP
- 5 - ROUND PIN STYLE HEAT SINK (NICKEL PLATED) WITH CLIP
- A - FIN STYLE HEAT SINK (NICKEL PLATED) WITH CLIP
- D - SQUARE PIN STYLE HEAT SINK (BLACK OXIDE) WITH CLIP
- K - ROUND PIN STYLE HEAT SINK (CHROMATE PASSIVATION) WITH CLIP
- N - SQUARE PIN STYLE HEAT SINK (NICKEL PLATED) WITH CLIP

OPTIONAL DUST COVER

- 0 - NO DUST COVER
- D - WITH DUST COVER (SHIPPED BULK IN SAME BOX WITH CAGE & CONNECTOR ASSEMBLY)

MOUNTING SCREWS

- 0 - NO MOUNTING SCREWS SHIPPED
- 1 - WITH MOUNTING SCREWS M2 X 04 - 4.3MM LONG SHIPPED BULK IN SAME TRAY WITH CAGE ASSEMBLIES

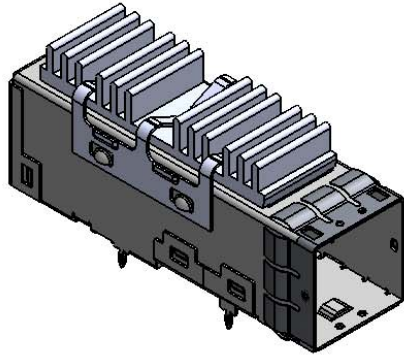
CONTACT PLATING

- 1 - MATING AREA PLATING: 0.76 µm GOLD OVER 2.54 µm OF NICKEL
PRESS FIT TAIL AREA PLATING: 0.76 µm TIN LEAD OVER 2.54 µm OF NICKEL
- 2 - MATING AREA PLATING: 0.38 µm GOLD OVER 2.54 µm OF NICKEL
PRESS FIT TAIL AREA PLATING: 0.76 µm TIN LEAD OVER 2.54 µm OF NICKEL
- 3 - MATING AREA PLATING: 0.76 µm GOLD OVER 1.27 µm TO 3.81 µm OF NICKEL
PRESS FIT TAIL AREA PLATING: 0.381 µm TO 1.52 µm OF MATTE TIN OVER 1.27 µm TO 3.81µm OF NICKEL

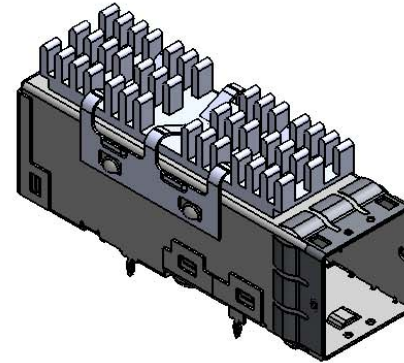
PACKAGING

- 1 - TRAY PACKAGING (HEAT SINKS ANC CLIPS , IF ORDERED, PACKED IN SEPARATE TRAYS FROM CAGES)
- A - TRAY PACKAGING (CAGE & CONNECTOR ASSEMBLY SHIPPED WITH HEAT SINK AND CLIP ATTACHED)

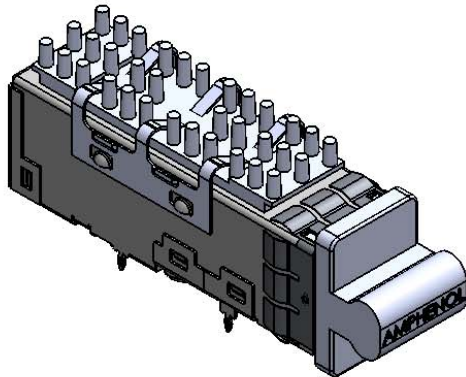
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
F	LEAD-FREE PLATING OPTION ADDED	JUL 04/11	ZLJ
G	8X 0.57 HOLE CHANGED TO 6X	JUL 29/11	ADRIAN G
H	ADDED NOTES AND VIEW ADJUSTMENTS	JUL 29/11	
J	TOLERANCES ADDED TO PCB HOLES	OCT 20/11	
K	AHSI DESIGNATION ADDED	MAY 15/12	ZLJ



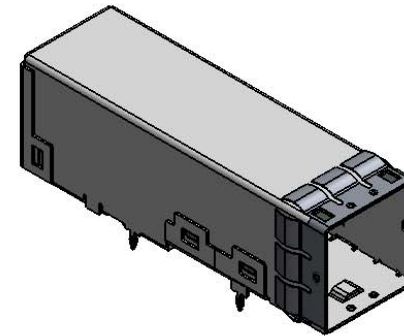
PART # **U92-A120-100A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH FIN STYLE HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



PART # **U92-A110-1000A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH SQUARE PIN HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



PART # **U92-A150-100A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH ROUND PIN HEAT SINK ATTACHED, NO SCREWS AND WITH DUST COVER SHIPPED BULK)



PART # **U92-A110-1001-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY NO HEAT SINK, NO SCREWS AND NO DUST COVER SHIPPED)



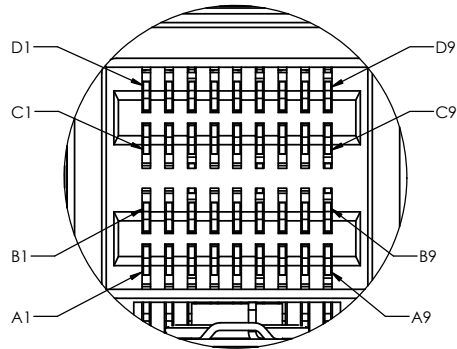
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVAL	DATE
DRAWN	ZLJ	SEP 22/09	
CHECKED	ZLJ	SEP 22/09	
QA APPR.			
ME APPR.			
DWG APPR.	A.G.	SEP 22/09	
 DO NOT SCALE DRAWING		ENG. REL. NO.	
		NSCM:	

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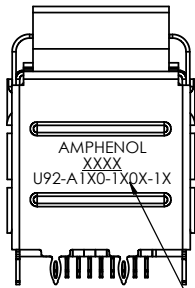
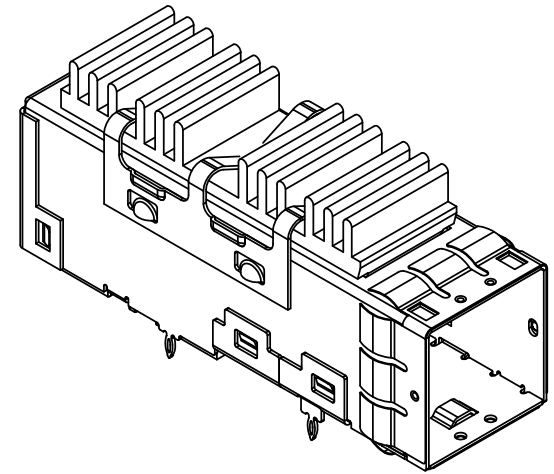
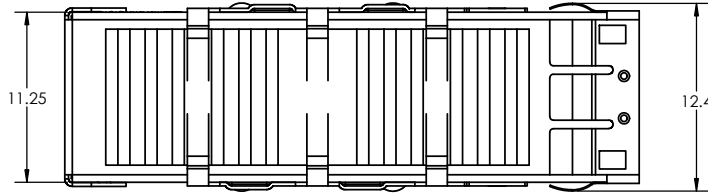
**4X MIN SAS HD
CAGE AND CONNECTOR
ASSEMBLY**

SIZE	DWG. NO.	P-U92-A1X0-1X0X-XX	REV	K
SCALE: 1:1	PROJECT: HD	SHEET 1 OF 4		

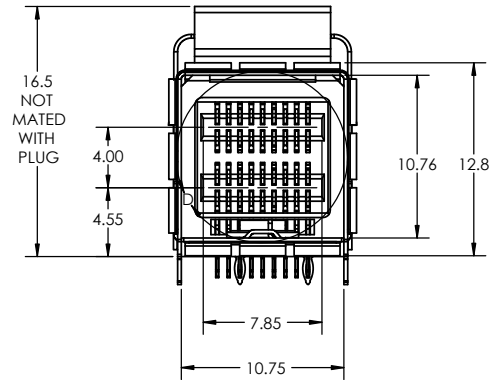
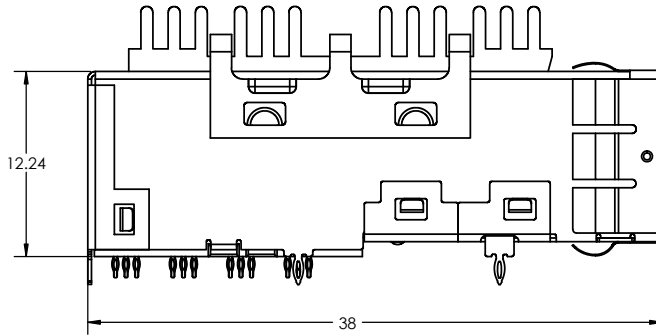
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
K	SEE SHEET ONE	MAY 15/12	ZLJ



DETAIL D
SCALE 8 : 1



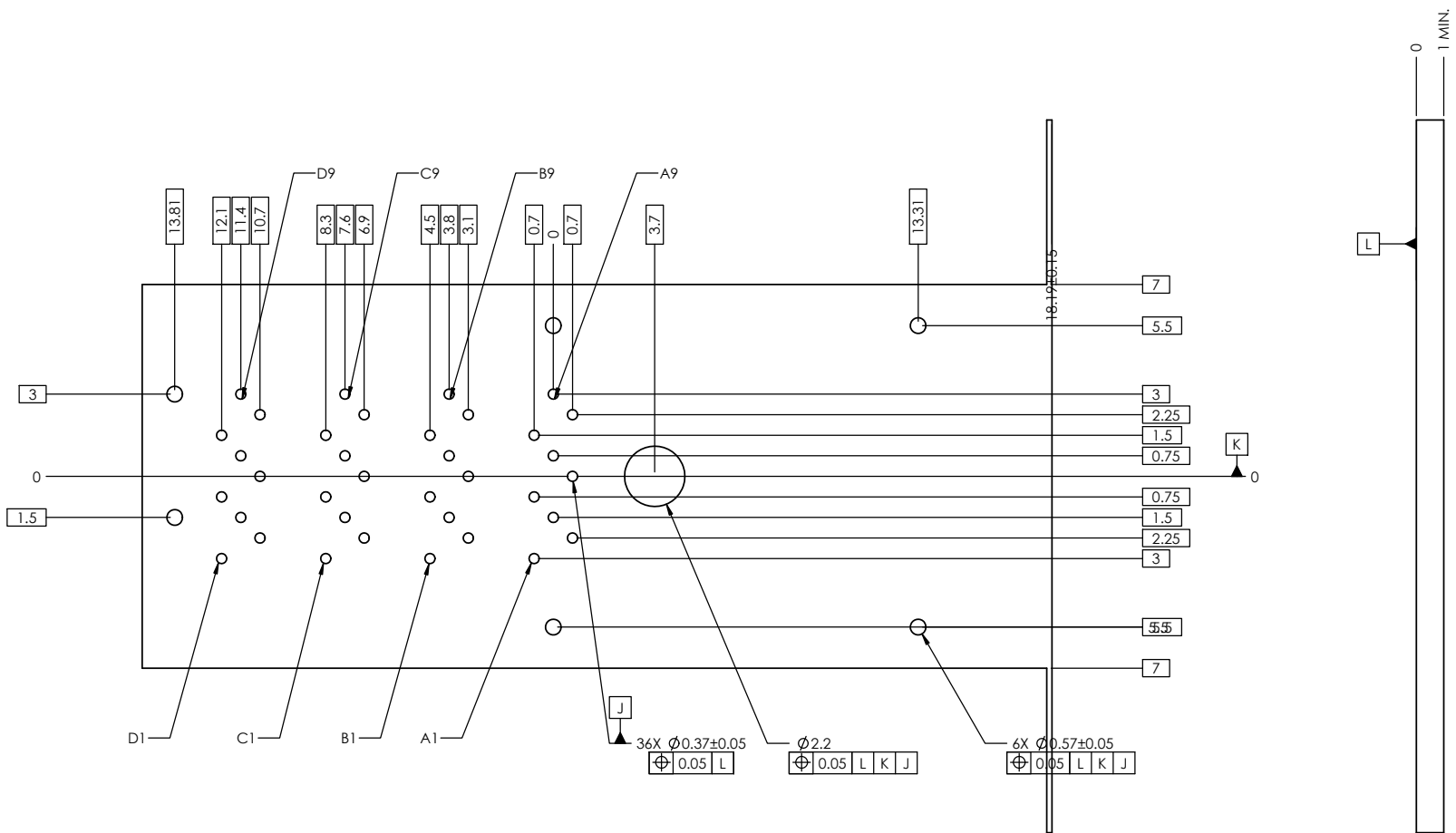
INK MARKING INFO:
FOUR (4) DIGIT DATE CODE AND PART NUMBER



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DECIMALS	ANGLES	DRAWN ZLJ	SEP 22/09		
.X ±0.2	X° ±1°	CHECKED ZLJ	SEP 22/09	4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY	
.XX ±0.1	X.X° ±0.5°	QA APPR.			
		ME APPR.			
		DWG APPR. A.G.	SEP 22/09	SIZE	DWG. NO.
		ENG. REL. NO.		P-U92-A1X0-1X0X-XX	
		DO NOT SCALE DRAWING	NSCM:	SCALE: 2:1	PROJECT: HD
					SHEET 2 OF 4

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
F	SEE SHEET ONE	JUN 04/11	ZLJ

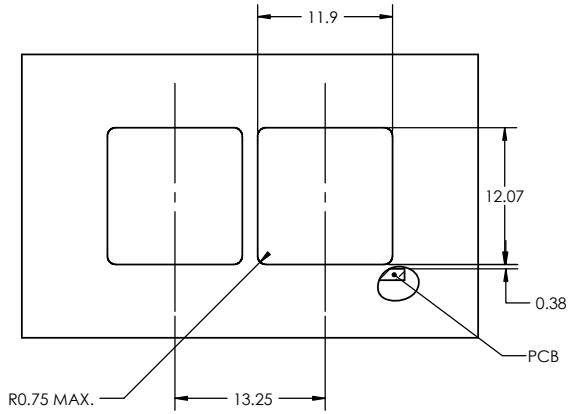


RECOMMENDED **SINGLE MOUNT**
PCB LAYOUT
COMPONENT SIDE SHOWN

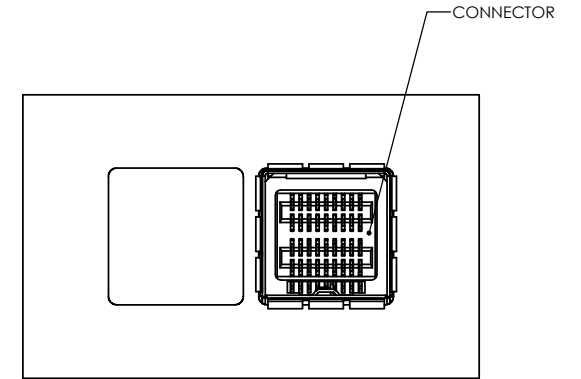
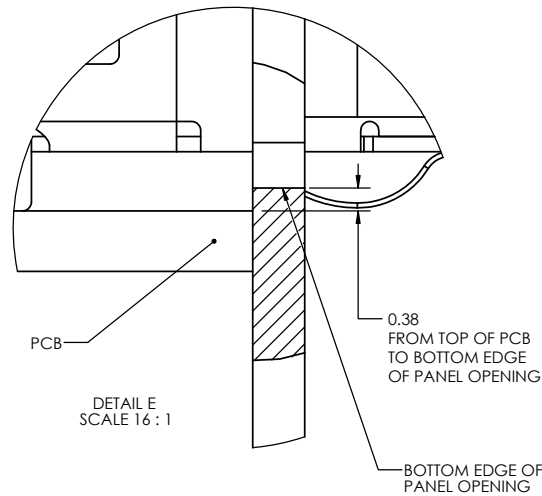
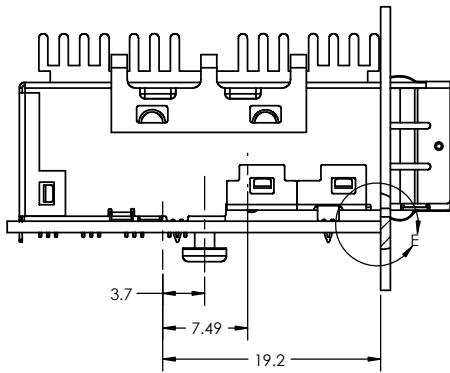
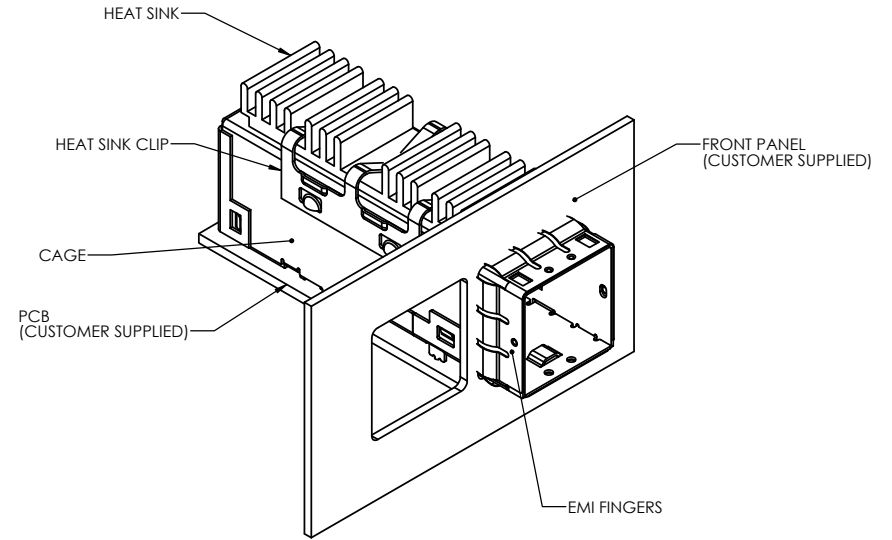


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVAL	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com 4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY
DECIMALS	ANGLES	ZLJ	SEP 22/09	
.X ±0.2	X° ±1°	ZLJ	SEP 22/09	SIZE DWG. NO. P-U92-A1X0-1X0X-XX REV K SCALE: 2:1 PROJECT: HD SHEET 3 OF 4
.XX ±0.1	X.X° ±0.5°	A.G.	SEP 22/09	
DO NOT SCALE DRAWING		ENG. REL. NO.		
		NSCM:		

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
K	SEE SHEET ONE	MAY 15/12	ZLJ



RECOMMENDED PANEL CUTOUT FOR SINGLE LEVEL MOUNTING



NOTES:

1) MATERIAL

MAIN CAGE: PHOSPHOR BRONZE WITH NICKEL PLATING

HEAT SINK CLIP: STAINLESS STEEL

HEAT SINK: ALUMINUM, FOR PLATING INFO. SEE SHEET ONE

EMI FINGERS: PHOSPHOR BRONZE WITH NICKEL PLATING

MOUNTING SCREW: AISI 1010 STEEL

CONNECTOR HOUSING: LCP

CONTACTS: PHOSPHOR BRONZE, FOR PLATING INFO. SEE SHEET ONE

2) CONNECTOR AND CAGE ASSEMBLY ARE RoHS COMPLIANT



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ARE:

DECIMALS	ANGLES
.X ±0.2	X° ±1°
.XX ±0.1	X.X° ±0.5°

APPROVAL	DATE
DRW: ZLJ	SEP 22/09
CHECKED: ZLJ	SEP 22/09
QA APPR:	
ME APPR:	
DWG APPR: A.G.	SEP 22/09
ENG. REL. NO.	
NSCM:	

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**4X MIN SAS HD
CAGE AND CONNECTOR
ASSEMBLY**

DO NOT SCALE DRAWING

SIZE	DWG. NO.	PROJECT	REV
	P-U92-A1X0-1X0X-XX	HD	K
SCALE: 1:1	PROJECT: HD		SHEET 4 OF 4