

U92 - A1X0 - 1X0X - XX

HEAT SINK OPTION

- 1 - NO HEAT SINK, NO CLIP
- 2 - FIN STYLE HEAT SINK (BLACK OXIDE) WITH CLIP
- 3 - 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

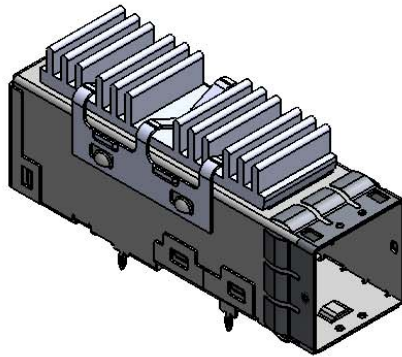
CONTACT PLATING

- 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

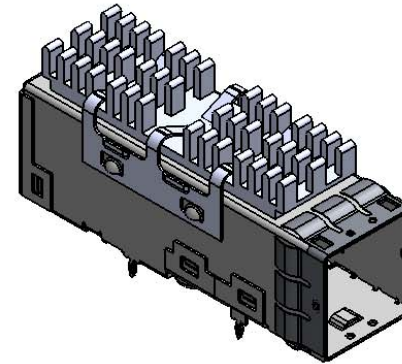
PACKAGING

- 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)

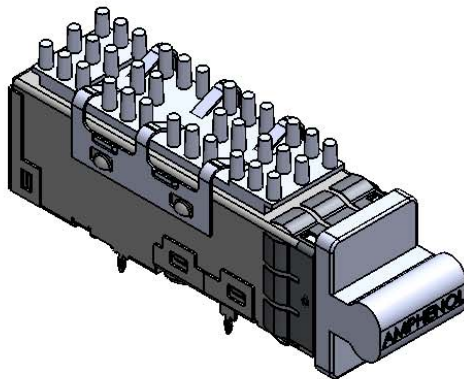
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
F	LEAD-FREE PLATING OPTION ADDED	JUL 04/11	ZLJ
G	8X 0.57 HOLE CHANGED TO 6X	JUL 29/11	ADRIAN G
H	ADDED NOTES AND VIEW ADJUSTMENTS	JUL 29/11	
J	TOLERANCES ADDED TO PCB HOLES	OCT 20/11	
K	AHSI DESIGNATION ADDED	MAY 15/12	ZLJ



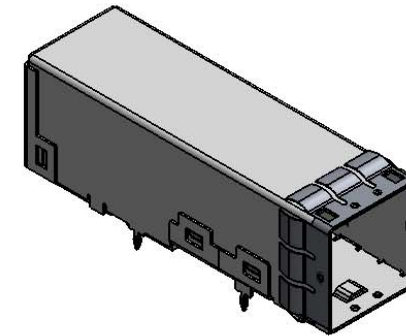
PART # **U92-A120-100A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH FIN STYLE
HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



PART # **U92-A1N0-100A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH SQUARE
PIN HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



PART # **U92-A150-1D0A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH
ROUND PIN HEAT SINK ATTACHED, NO SCREWS AND
WITH DUST COVER SHIPPED BULK)

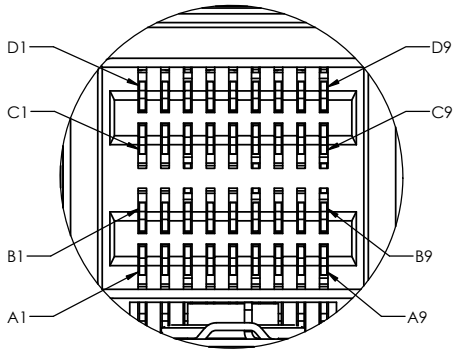
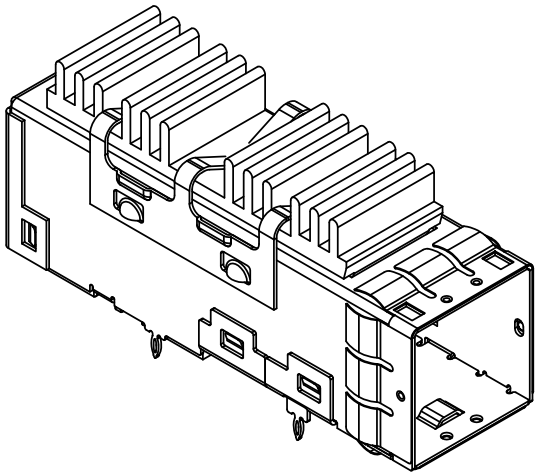


PART # **U92-A110-1001-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY NO HEAT SINK,
NO SCREWS AND NO DUST COVER SHIPPED)

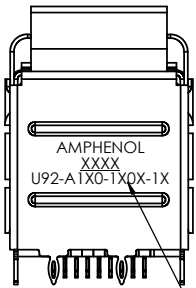
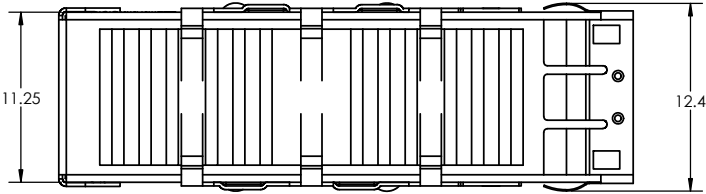


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVAL	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com 4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY	
DRAWN		ZLJ	SEP 22/09		
CHECKED		ZLJ	SEP 22/09		
QA APPE.					
ME APPE.					
DWG APPE.		A.G.	SEP 22/09	SCALE: 1:1 PROJECT: HD SHEET 1 OF 4	
DO NOT SCALE DRAWING		ENG. REL. NO.		SIZE	REV K
		NSCM:			

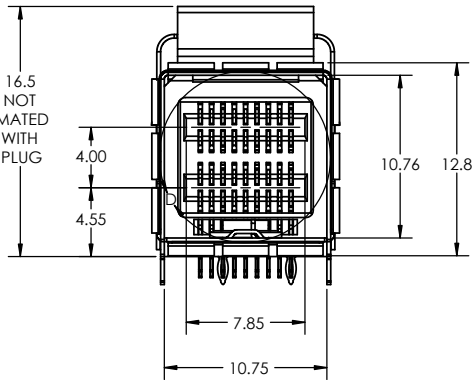
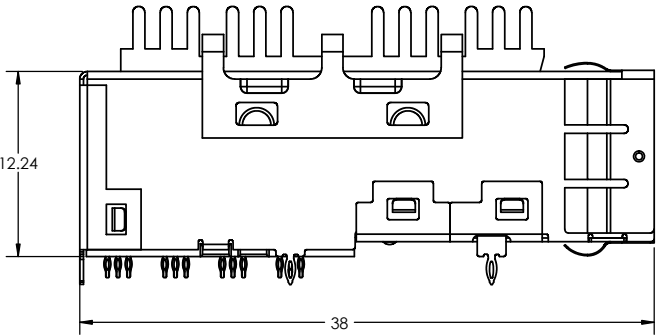
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
K	SEE SHEET ONE	MAY 15/12	ZLJ



DETAIL D
SCALE 8 : 1

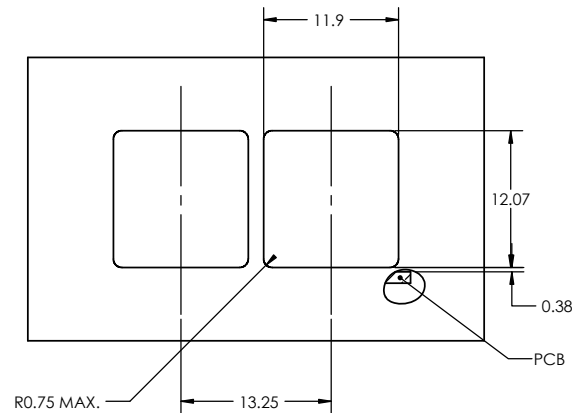


INK MARKING INFO:
FOUR (4) DIGIT DATE CODE AND PART NUMBER

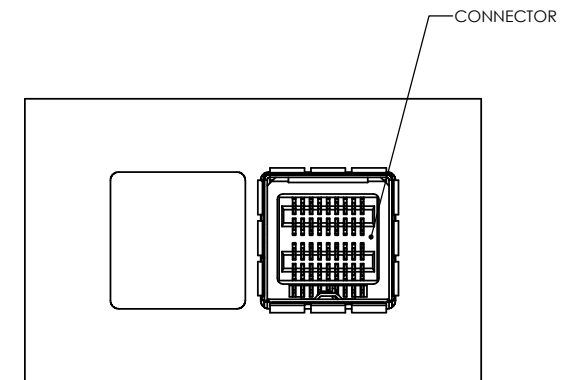
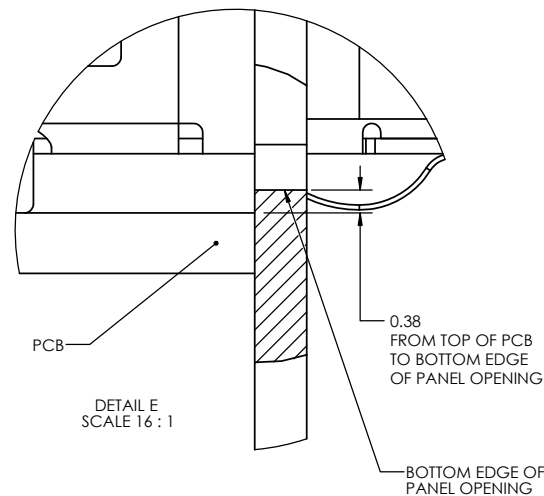
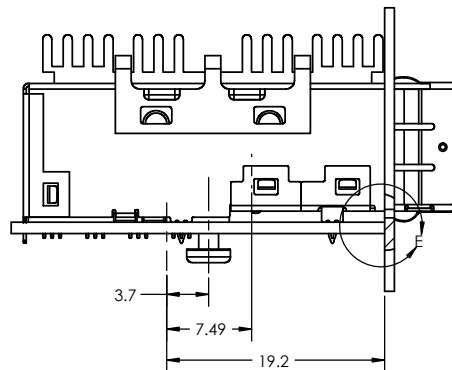
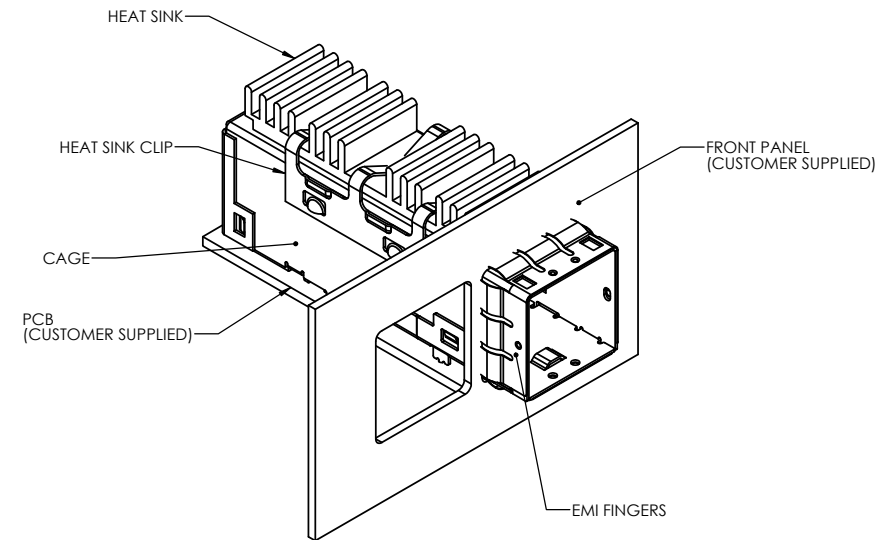


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVAL	DATE	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com		
DECIMALS	ANGLES	DRAWN	SEP 22/09			
.X ±0.2	X° ±1°	CHECKED	SEP 22/09	4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY		
.XX ±0.1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

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

Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY

SIZE	DWG. NO.	PROJECT	REV
P-U92-A1X0-1X0X-XX	HD	K	