

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PROPOSAL	MAY 06/19	J.SI

**U92 - L111 - 1X01 - 7X**

**OPTIONAL DUST COVER**

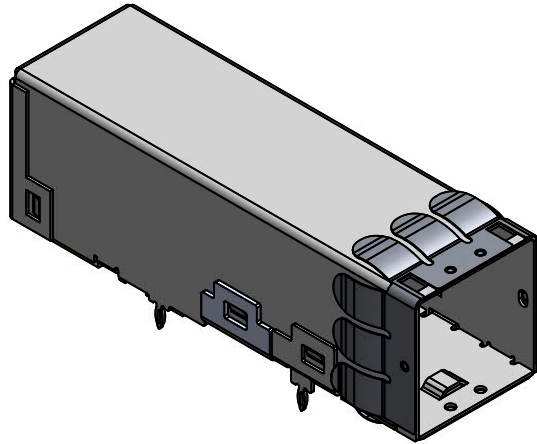
**0** - NO DUST COVER  
**D** - WITH DUST COVER (SHIPPED BULK IN SAME BOX WITH CAGE & CONNECTOR ASSEMBLY)

**MOUNTING SCREWS**

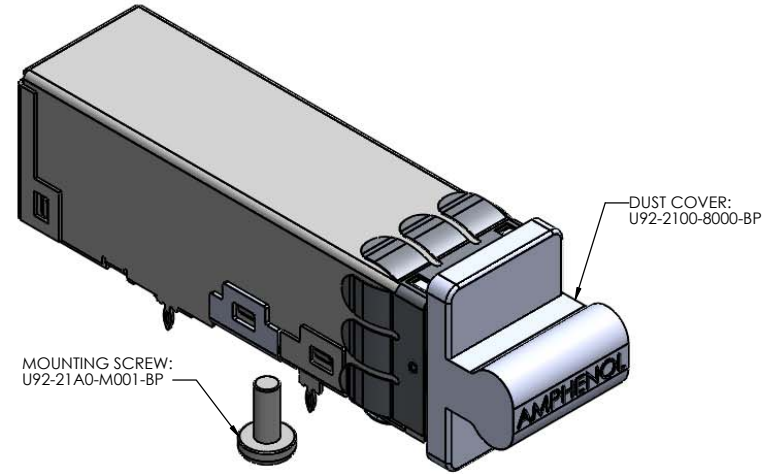
**0** - NO MOUNTING SCREWS SHIPPED  
**1** - WITH MOUNTING SCREWS M2 X 04 - 4.3MM LONG SHIPPED BULK IN SAME TRAY WITH CAGE ASSEMBLIES

**CONTACT PLATING**

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  
 (RoHS COMPLIANT PER RoHS DIRECTIVE 2011/65/EU; )



PART # **U92-L111-1001-70** SHOWN  
 (CAGE & CONNECTOR ASSEMBLY,  
 NO SCREWS AND NO DUST COVER SHIPPED)  
 SCALE 4 : 1



PART # **U92-L111-1D01-71** SHOWN  
 (CAGE & CONNECTOR ASSEMBLY,  
 WITH SCREWS AND DUST COVER SHIPPED BULK)

NOTES:

1) MATERIAL

- MAIN CAGE: PHOSPHOR BRONZE WITH NICKEL PLATING
- EMI FINGERS: PHOSPHOR BRONZE WITH NICKEL PLATING
- MOUNTING SCREW: AISI 1010 STEEL
- CONNECTOR HOUSING: LCP
- CONTACTS: PHOSPHOR BRONZE, FOR PLATING INFO, SEE PART NUMBER CONFIGURATION FOR OPTIONS.

2) PACKAGING:

- TRAY PACKAGING



UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN MILLIMETERS  
 TOLERANCES ARE:

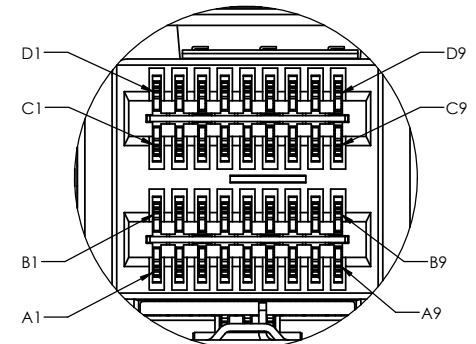
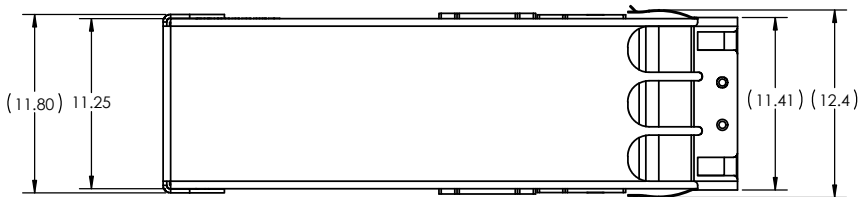
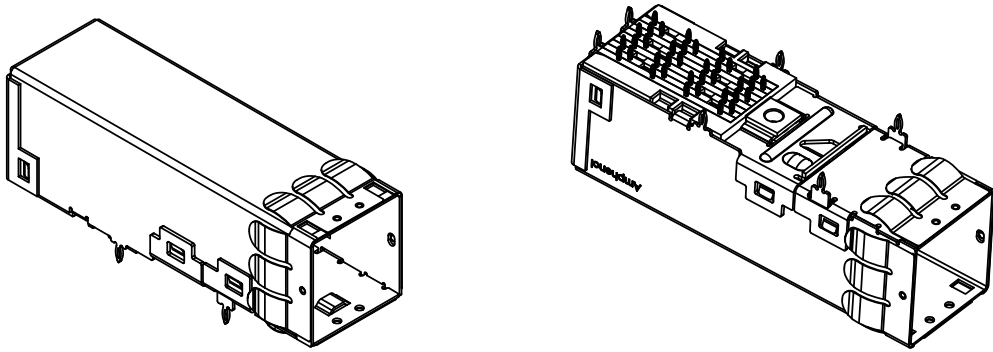
DECIMALS	ANGLES
.X ±0.25	X° ±1°
.XX ±0.13	X.X° ±0.5°

APPROVAL	DATE
DRW: Hank.A	MAY 06/19
CHECKED: Chigow.X	MAY 06/19
QA APPR:	
ME APPR:	
DWG APPR: J.SI	MAY 06/19
ENG. REL. NO.	
NSCM:	

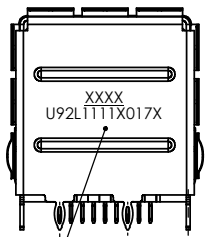
**Amphenol High Speed Interconnects**  
 A Division of Amphenol Corp. www.amphenol-highspeed.com

**4X MIN SAS HD  
 CAGE AND CONNECTOR ASSEMBLY  
 WITH LONG EMI FINGER**

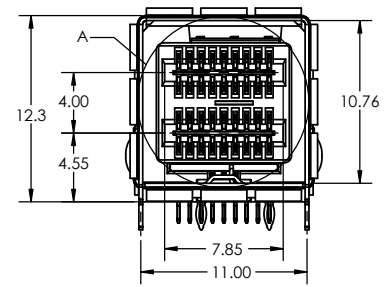
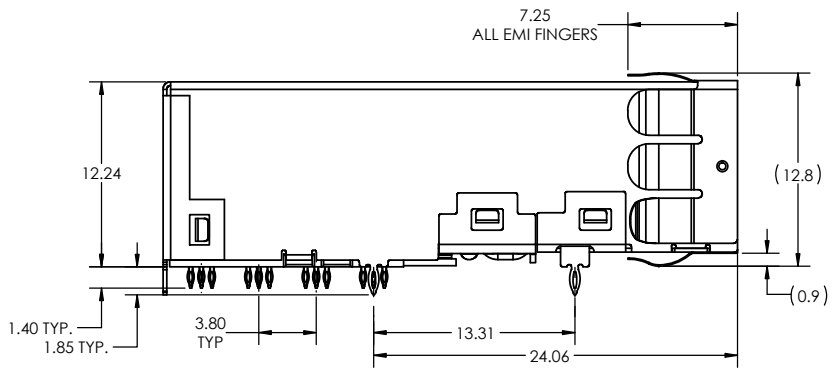
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DETAIL A  
SCALE 8:1



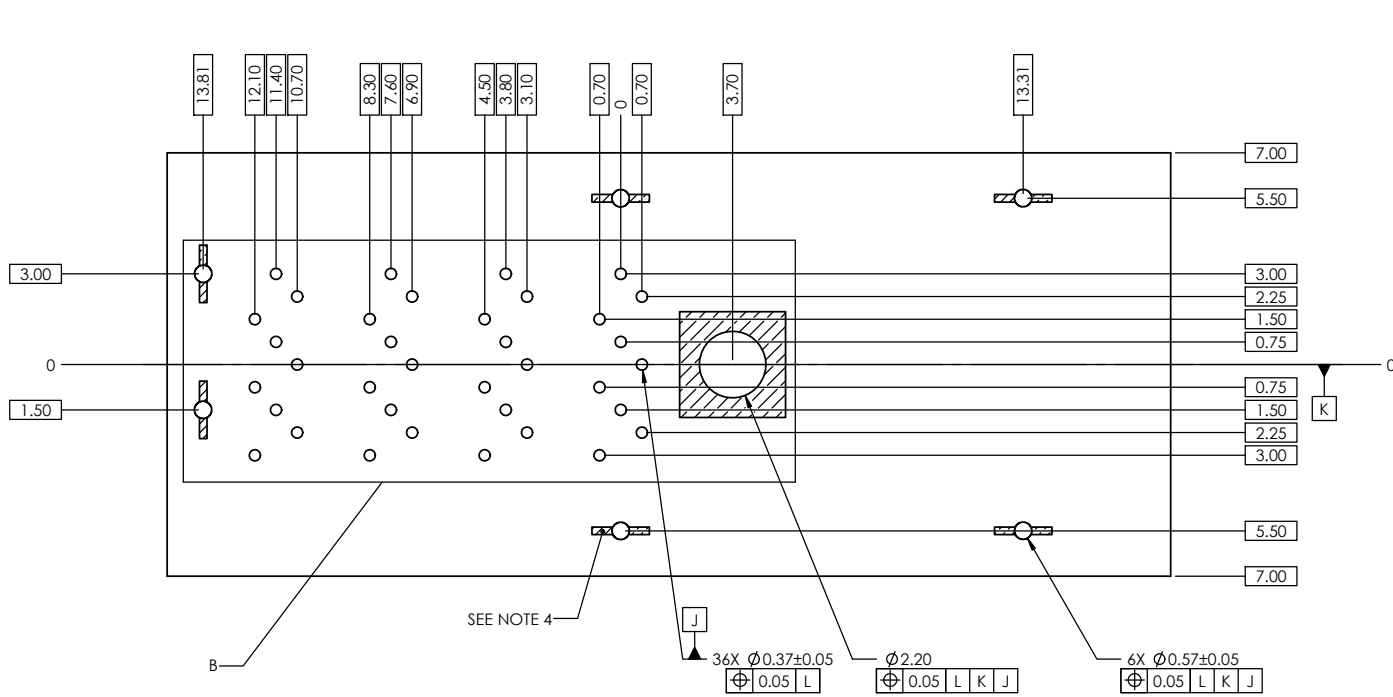
INK MARKING INFO:  
FOUR (4) DIGIT DATE CODE  
AND PART NUMBER



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVAL	DATE
DRAWN	Hank.A	MAY 06/19	
CHECKED	Chigow.X	MAY 06/19	
QA APPR.			
ME APPR.			
DWG APPR.	J.SI	MAY 06/19	
DO NOT SCALE DRAWING		ENG. REL. NO.	SIZE
		NSCM:	DWG. NO.

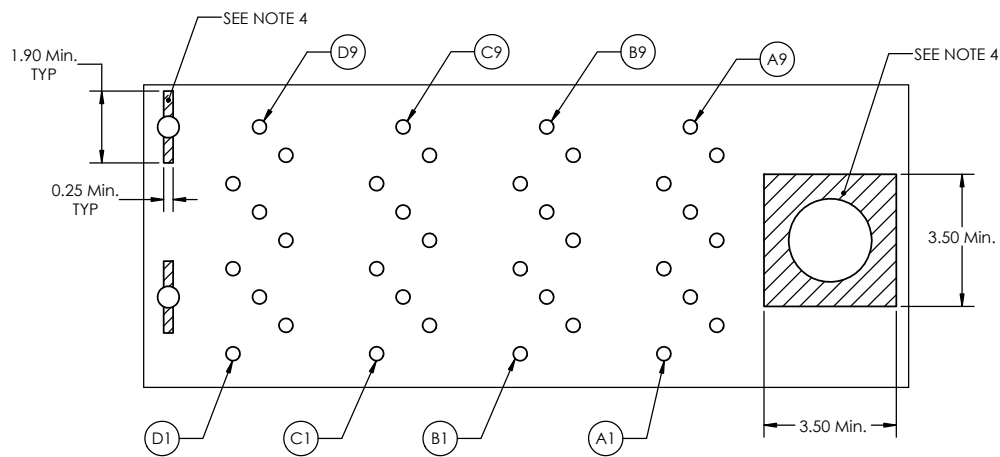
<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com			
<b>4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY WITH LONG EMI FINGER</b>			
SCALE: 2:1	PROJECT: HD	PART NO. P-U92-L111-1X01-7X	REV. A
		SHEET 2 OF 4	

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SEE NOTE 4

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



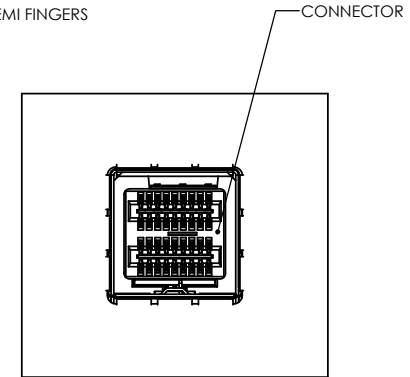
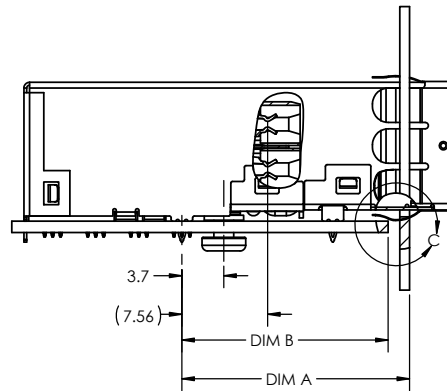
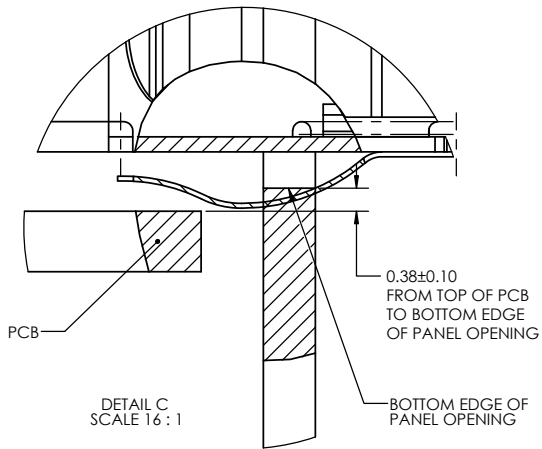
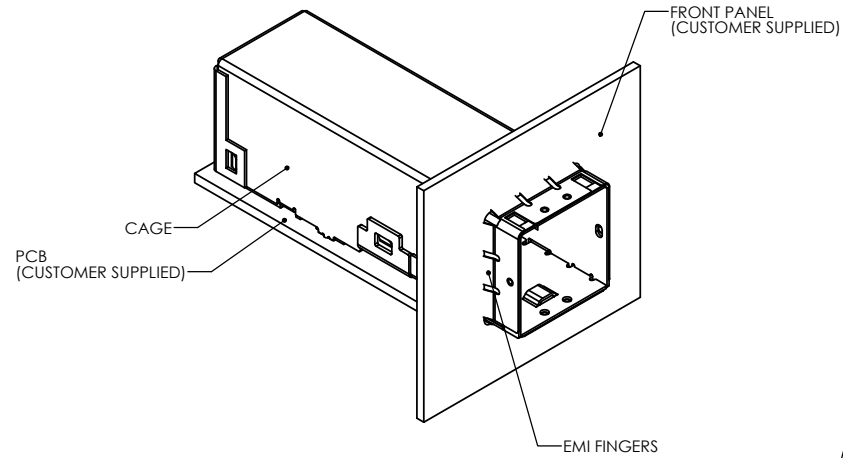
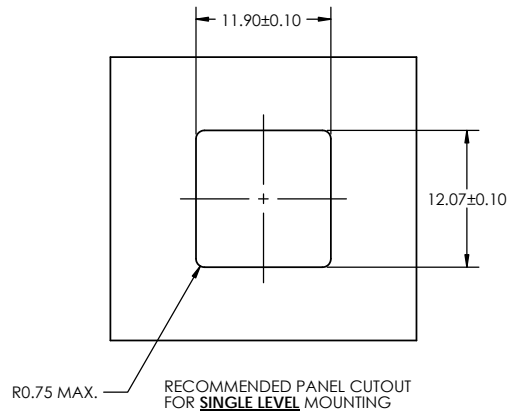
WITH PIN NUMBERS SHOWN  
DETAIL B  
SCALE 10 : 1

NOTES:

1. ALL HOLES MUST FALL WITHIN POSITIONAL TOLERANCES RELATIVE TO INDIVIDUAL CONNECTOR ASSEMBLY AS WELL AS COMPLETED CAGE ASSEMBLY.
2. DATUM M AND N ESTABLISHED BY CUSTOMER'S FUDUCIAL.
3. ALL HOLE DIMENSIONS DENOTE FINISHED HOLE SIZES.
4. CAGE STAND OFF & SCREW AREA, NO TRACES IN THESE AREAS.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:	APPROVAL	DATE	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com		
	DRAWN: Hank.A	MAY 06/19			
DECIMALS .X ±0.25	CHECKED: Chigow.X	MAY 06/19	<b>4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY WITH LONG EMI FINGER</b>		
ANGLES X° ±1°	GA APPR:				
.XX ±0.13	ME APPR:				
X.X° ±0.5°	DWG APPR: J.SI	MAY 06/19			
DO NOT SCALE DRAWING	ENG. REL. NO.	SIZE	DWG. NO.	P-U92-L111-1X01-7X	REV A
	NSCM:	SCALE: 2:1	PROJECT: HD	SHEET 3 OF 4	

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A	PROPOSAL	MAY 06/19	J.SI



APPLICATION	DIM A	DIM B
OTHER M/B BRACKET	20.08	18.19
PCI BRACKET	19.00	17.10

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DECIMALS	ANGLES	DRAWN: Hank.A	MAY 06/19	
.X ±0.25	X° ±1°	CHECKED: Chigow.X	MAY 06/19	
.XX ±0.13	X.X° ±0.5°	QA APPR:		
		ME APPR:		
		DWG APPR: J.SI	MAY 06/19	
DO NOT SCALE DRAWING		ENG. REL. NO.	SIZE	DWG. NO. P-U92-L111-1X01-7X
		NSCM:	SCALE: 1:1	PROJECT: HD
				REV A SHEET 4 OF 4