

U92 - A1X1 - 1X0X - ZX

| REVISIONS | | | |
|-----------|----------------------------------|-----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | PROPOSAL | MAY 09/13 | ZLJ |
| B | EMI FINGER & PCB POS. DIM. ADDED | AUG 7/13 | ZLJ |
| C | CHANGE THE BOTTOM GUARD CAGE | SEP 24/13 | ZLJ |
| D | COMPT. TRACE KEEP-OUT ZONE RMVD. | AUG 28/14 | A.C. |
| E | ADDED DIMENSION TO SHEET 2-B6 | SEP 02/14 | AS |

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

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

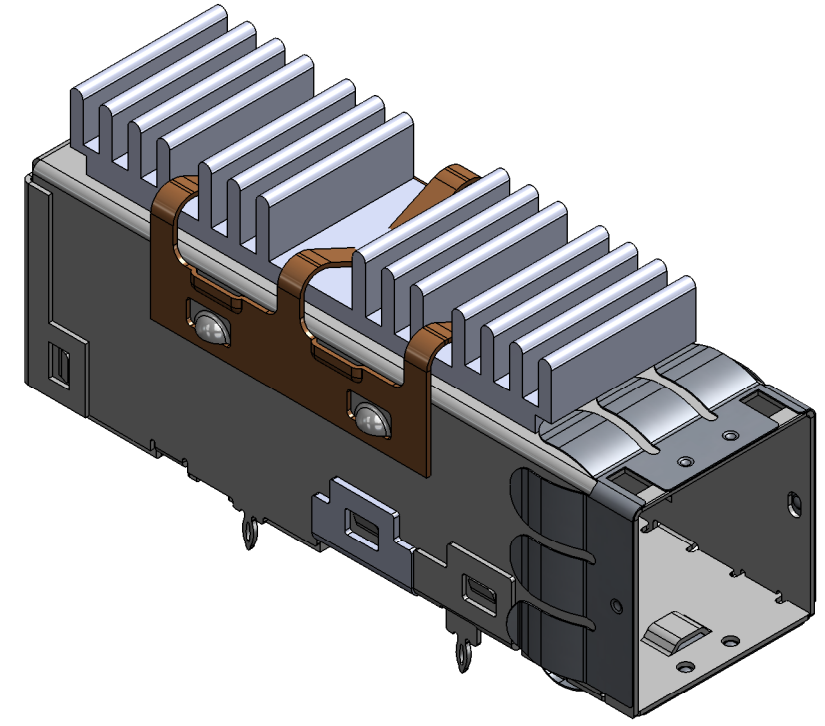
MATING AREA PLATING: 0.76 µm GOLD OVER 1.27 µm TO 3.81 µm OF NICKEL
 PRESS FIT TAIL AREA PLATING: 0.381 µm TO 1.52 µm OF MATTE TIN OVER 1.27 µm TO 3.81 µm OF NICKEL
(RoHS COMPLIANT PER RoHS DIRECTIVE 2011/65/EU;)

PACKAGING

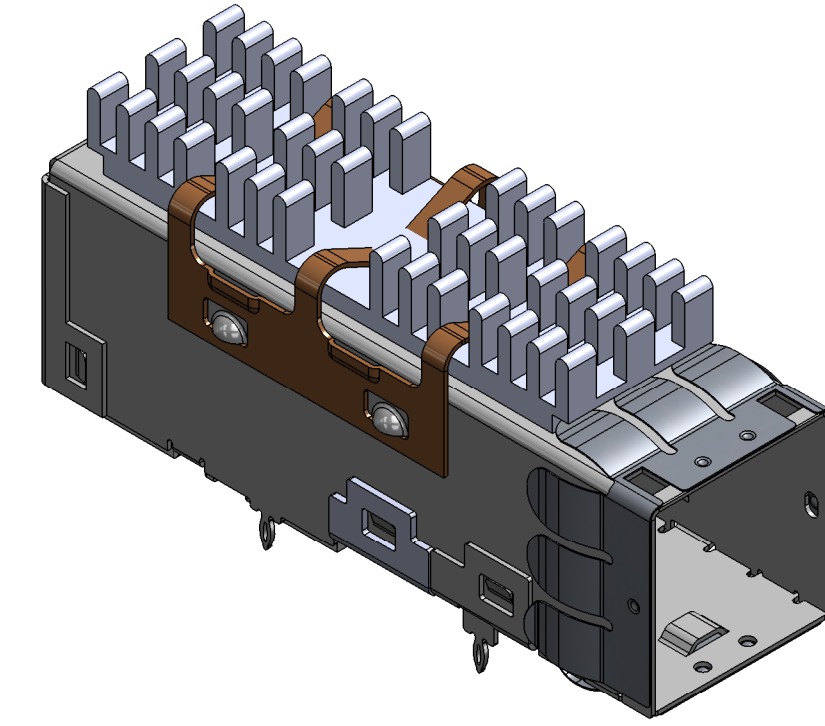
- 1** - TRAY PACKAGING (HEAT SINKS ANC CLIPS , IF ORDERED, PACKED IN SEPARATE TRAYS FROM CAGES)
- A** - TRAY PACKAGING (CAGE & CONNECTOR ASSEMBLY SHIPPED WITH HEAT SINK AND CLIP ATTACHED)

OPTIONAL DUST COVER

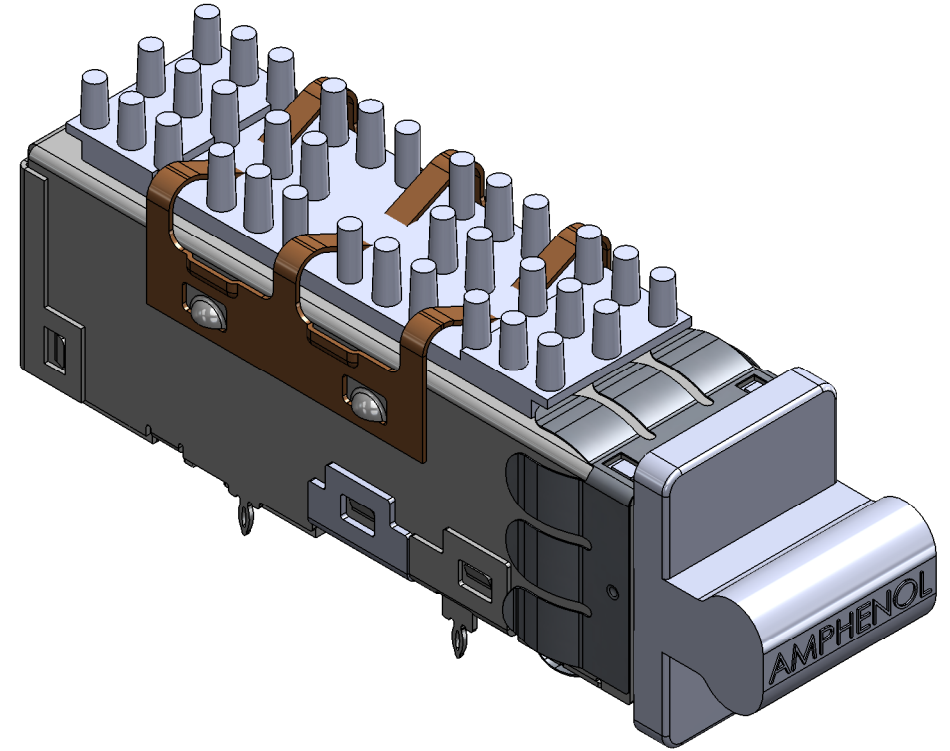
- 0** - NO DUST COVER
- D** - WITH DUST COVER (SHIPPED BULK IN SAME BOX WITH CAGE & CONNECTOR ASSEMBLY)



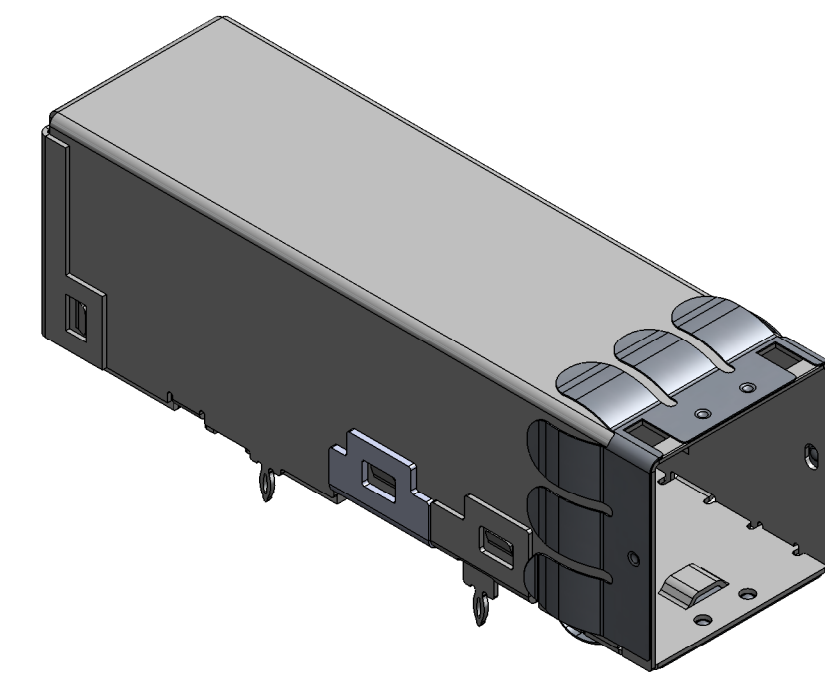
PART # **U92-A121-100A-70** SHOWN
 (CAGE & CONNECTOR ASSEMBLY WITH FIN STYLE HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



PART # **U92-A1N1-100A-70** SHOWN
 (CAGE & CONNECTOR ASSEMBLY WITH SQUARE PIN HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



PART # **U92-A151-1D0A-70** SHOWN
 (CAGE & CONNECTOR ASSEMBLY WITH ROUND PIN HEAT SINK ATTACHED, NO SCREWS AND WITH DUST COVER SHIPPED BULK)



PART # **U92-A111-1001-70** SHOWN
 (CAGE & CONNECTOR ASSEMBLY NO HEAT SINK, NO SCREWS AND NO DUST COVER SHIPPED)

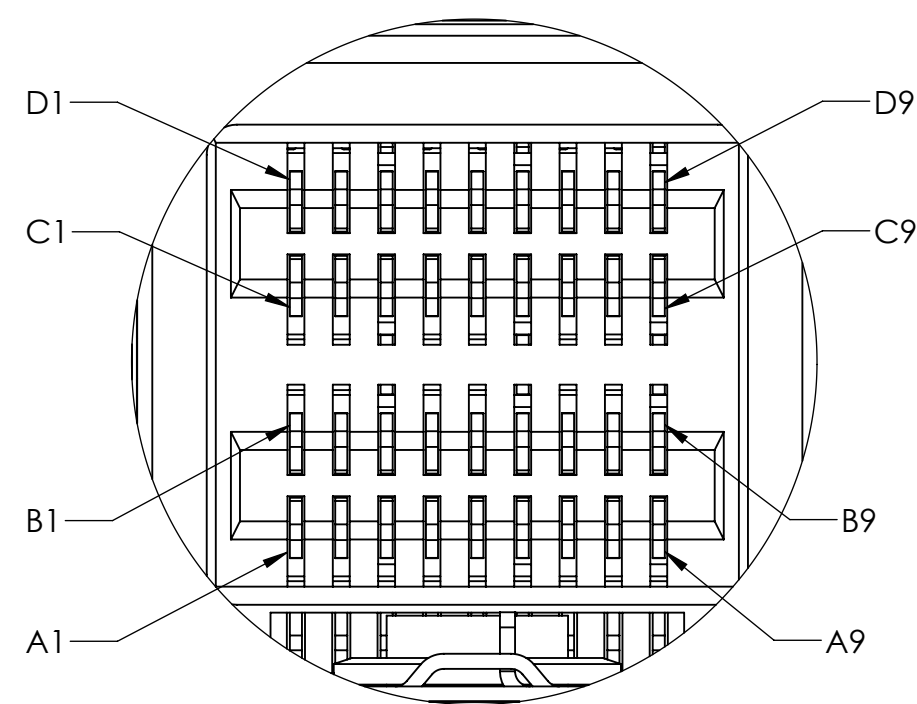


| | | | |
|---|------------|---------------|-----------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | | APPROVAL | DATE |
| DECIMALS | ANGLES | DRAWN Mike.H | MAY 09/13 |
| .X ±0.2 | X° ±1° | CHECKED ZLJ | MAY 09/13 |
| .XX ±0.1 | X.X° ±0.5° | QA APPR. | |
| | | ME APPR. | |
| | | DWG APPR. ZLJ | MAY 09/13 |
| | | ENG. REL. NO. | |
| | | NSCM: | |

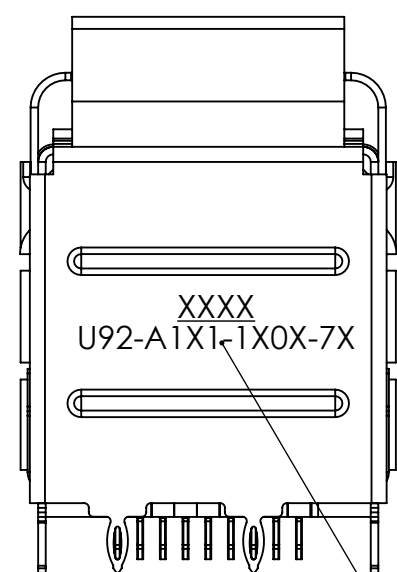
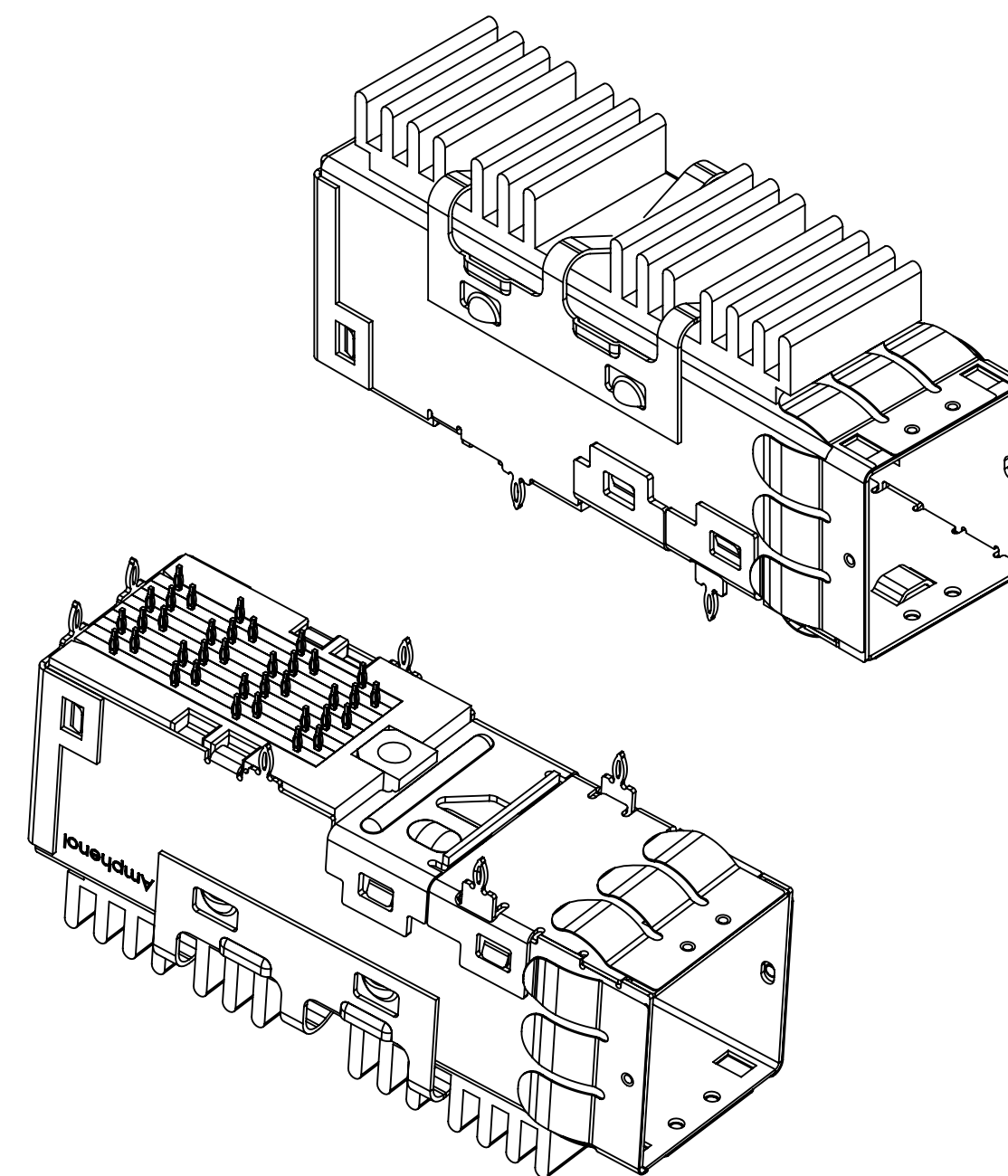
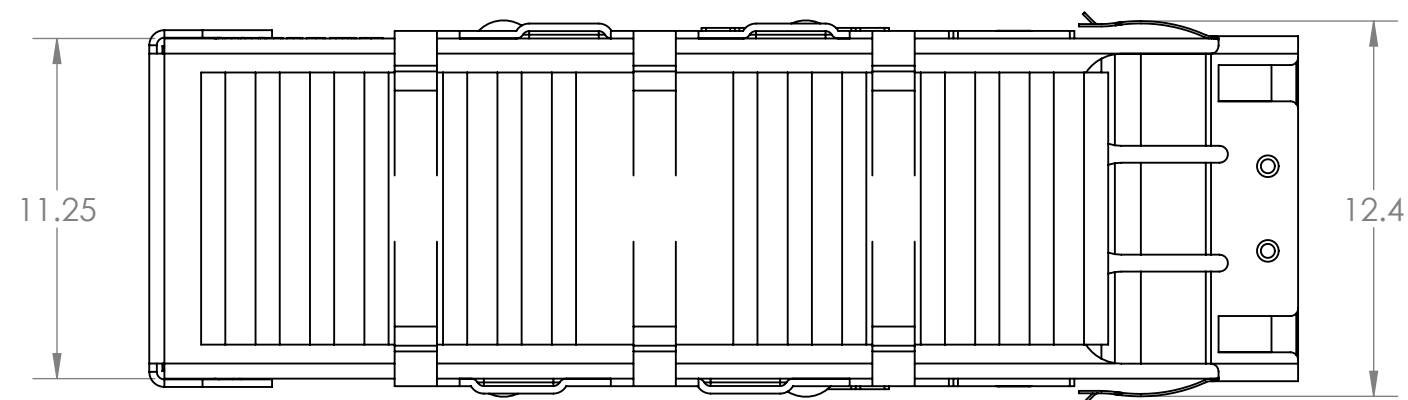
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12 GBPS 4X MIN SAS HD CAGE AND CONNECTOR ASSEMBLY WITH LONG EMI FINGERS

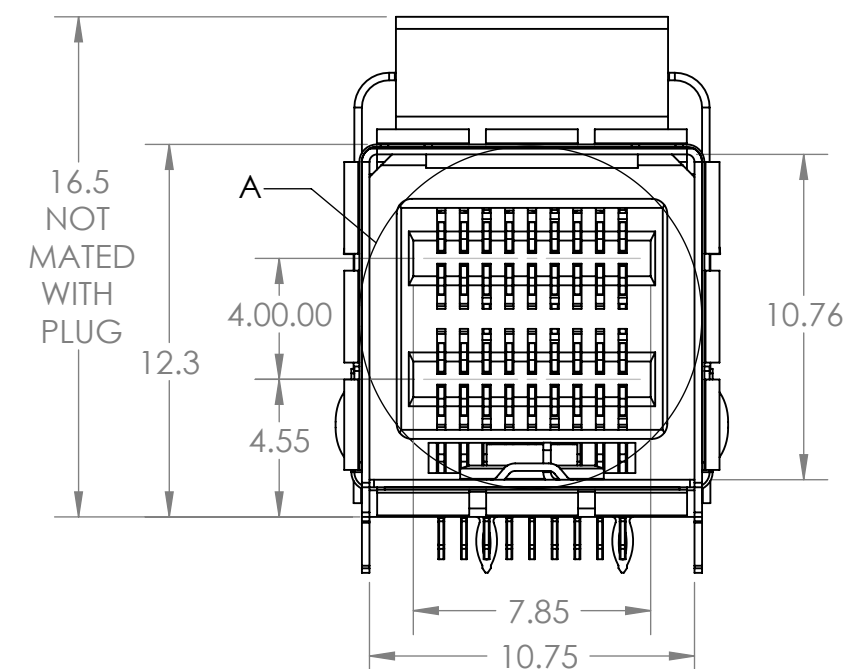
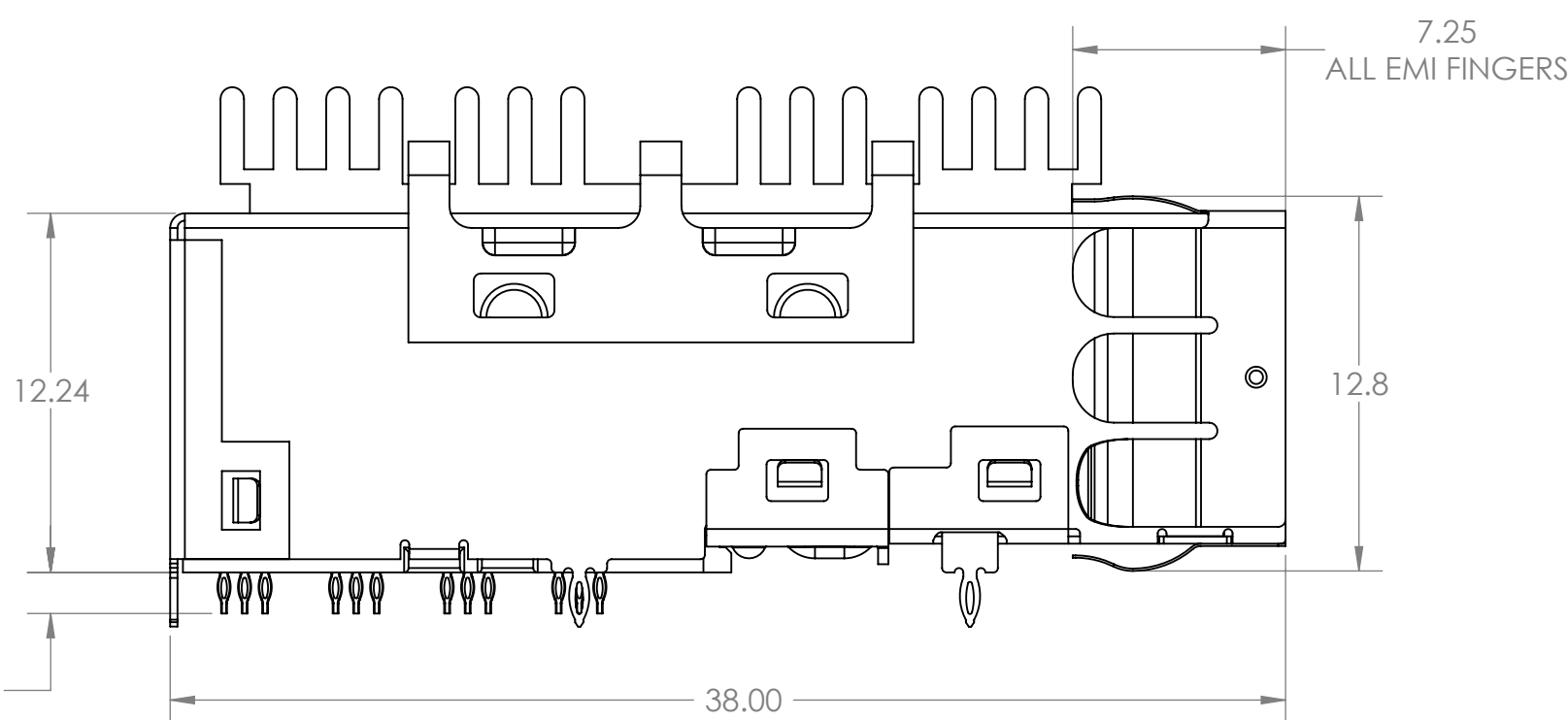
| | | | | |
|------------|-------------|--------------------|-----|---|
| SIZE | DWG. NO. | P-U92-A1X1-1X0X-7X | REV | E |
| SCALE: 1:1 | PROJECT: HD | SHEET 1 OF 4 | | |



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:

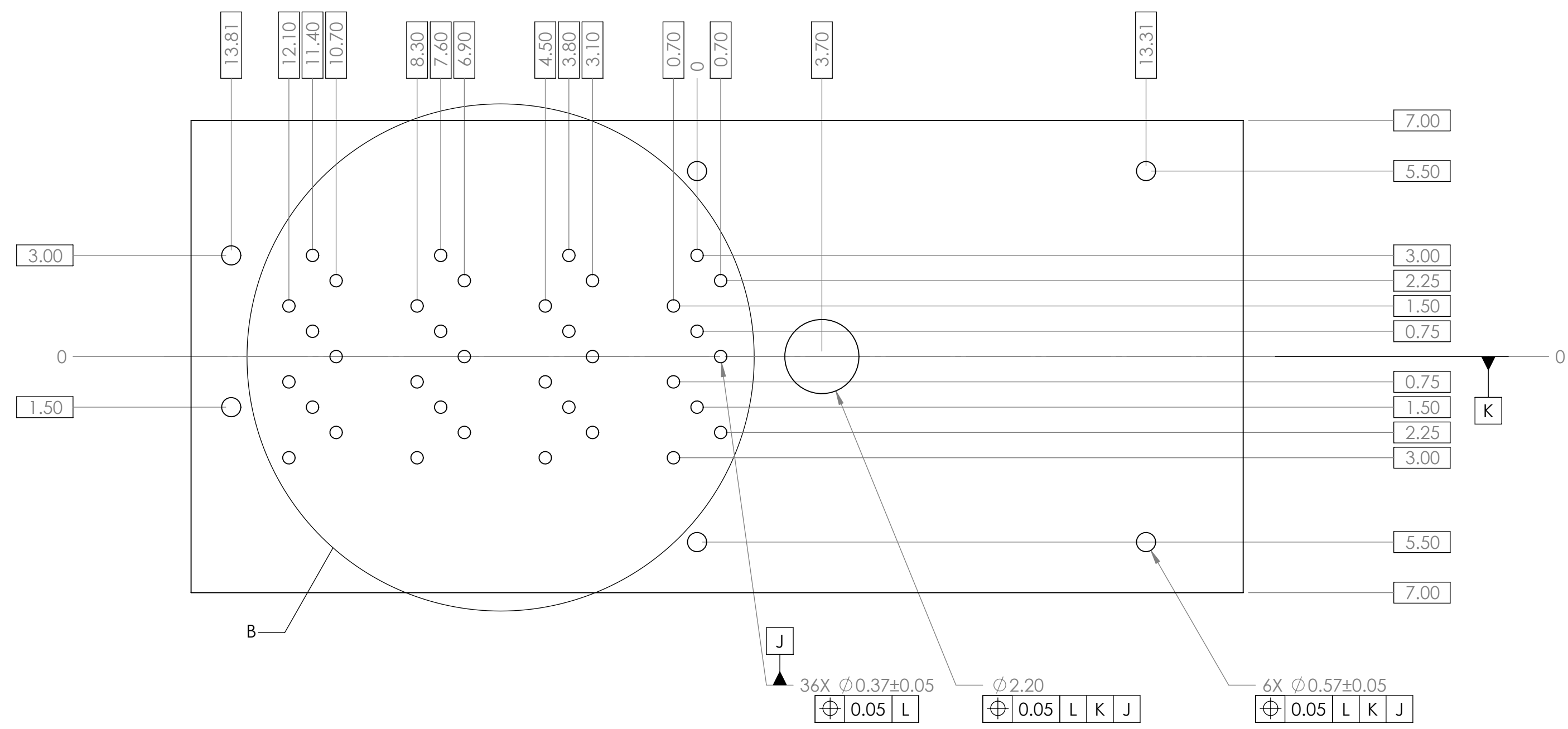
| | |
|----------|------------|
| DECIMALS | ANGLES |
| .X ±0.2 | X° ±1° |
| .XX ±0.1 | X.X° ±0.5° |

| | |
|---------------|-----------|
| APPROVAL | DATE |
| DRAWN: Mike.H | MAY 09/13 |
| CHECKED: ZLJ | MAY 09/13 |
| QA APPR. | |
| ME APPR. | |
| DWG APPR. ZLJ | MAY 09/13 |
| ENG. REL. NO. | |
| NSCM: | |

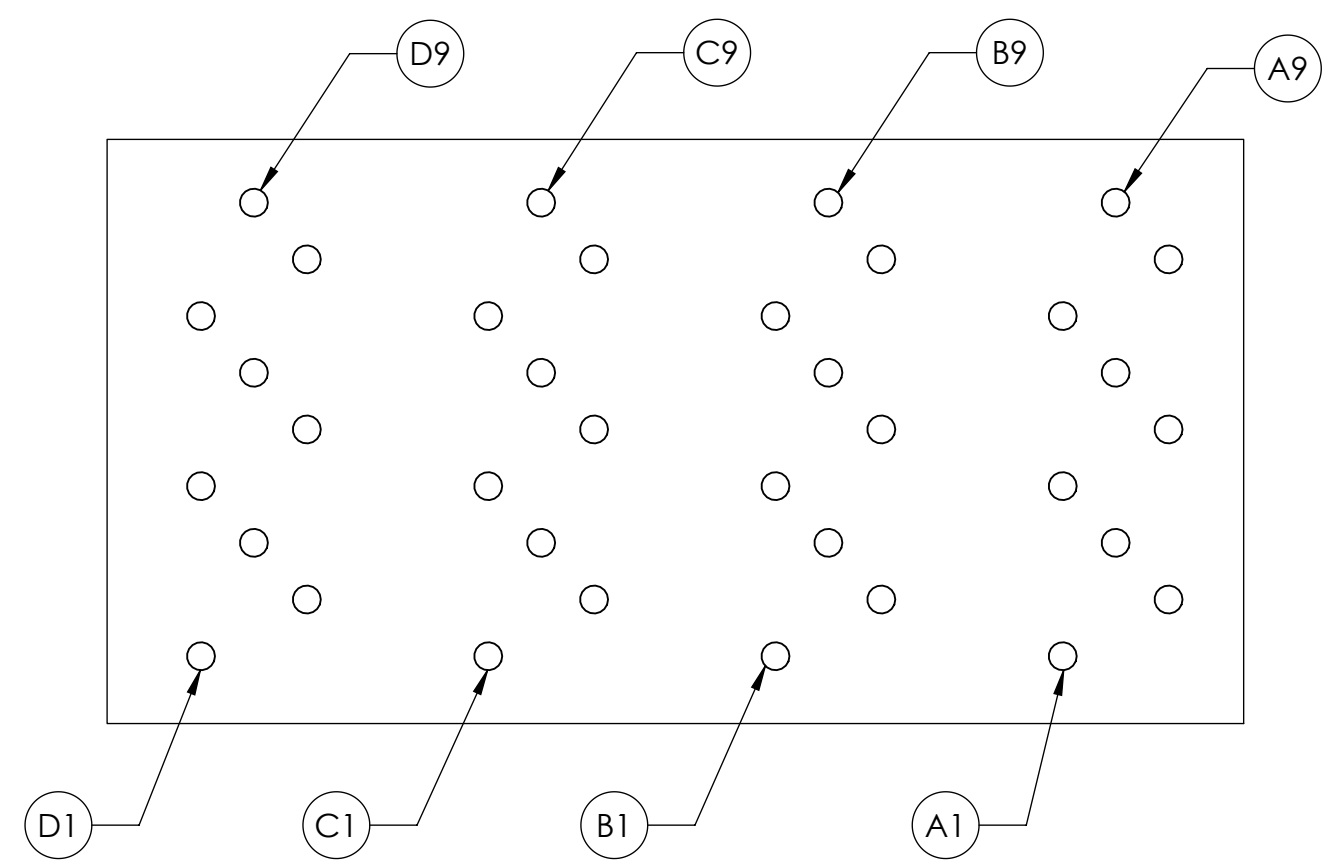
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**12 GBPS 4X MIN SAS HD
CAGE AND CONNECTOR
ASSEMBLY
WITH LONG EMI FINGERS**

| | | | | |
|------------|-------------|--------------------|-----|---|
| SIZE | DWG. NO. | P-U92-A1X1-1X0X-7X | REV | E |
| SCALE: 2:1 | PROJECT: HD | SHEET 2 OF 4 | | |



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



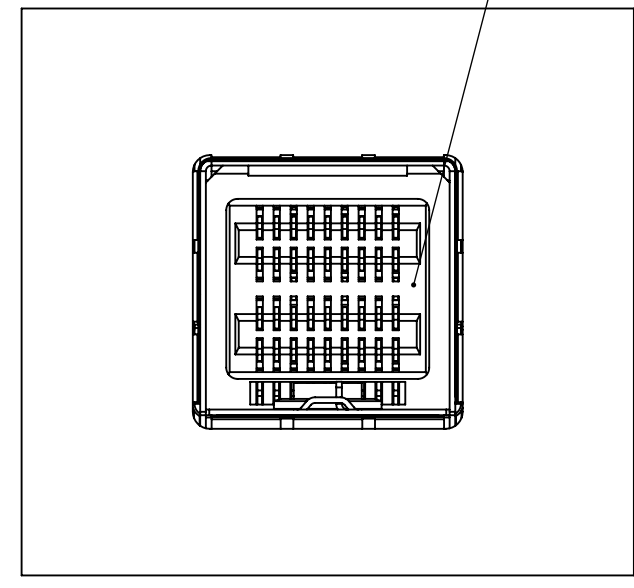
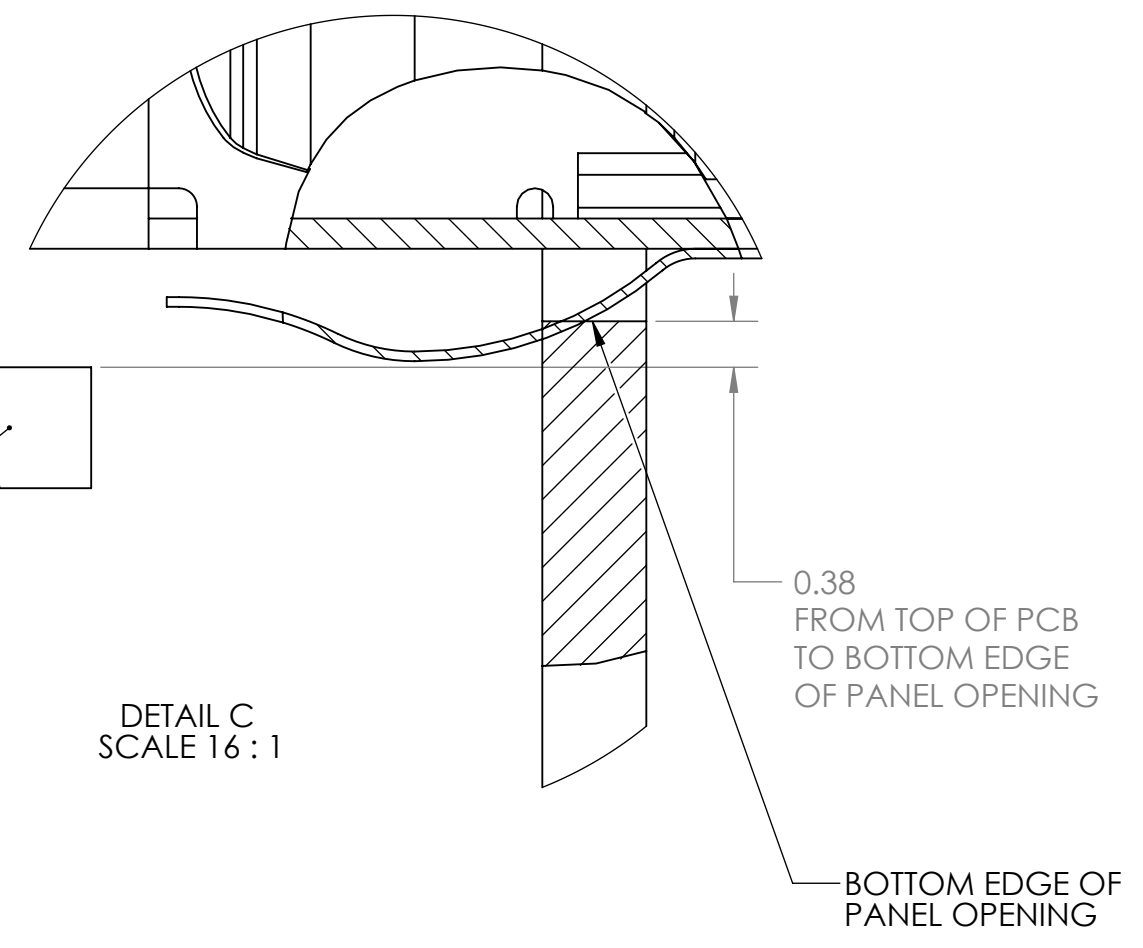
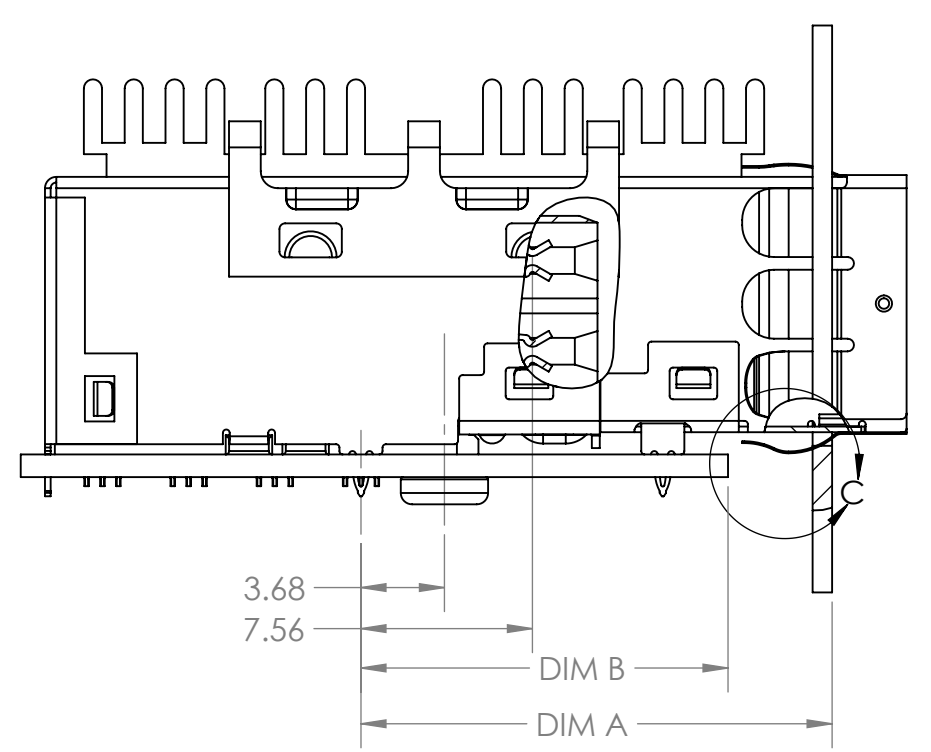
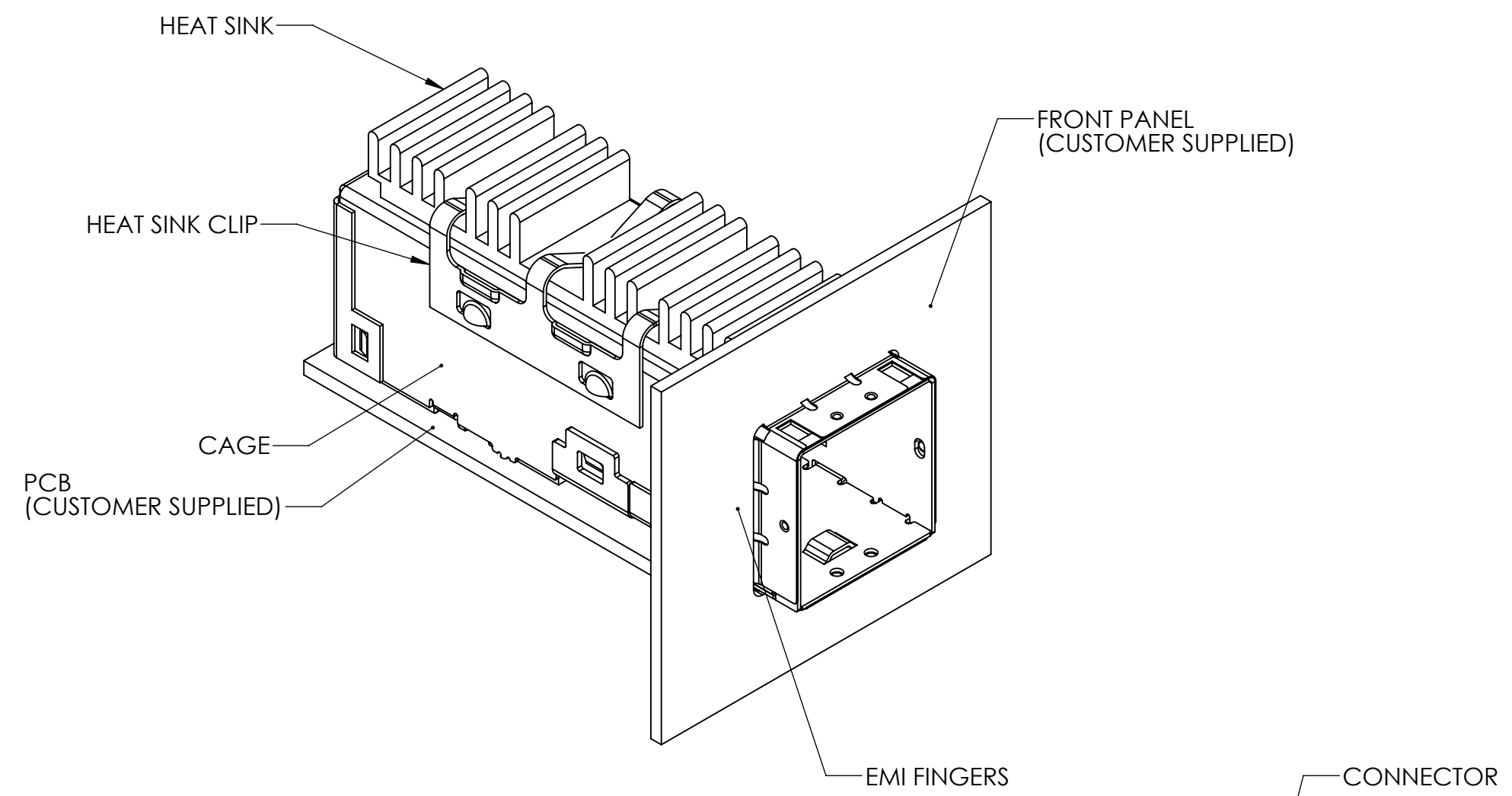
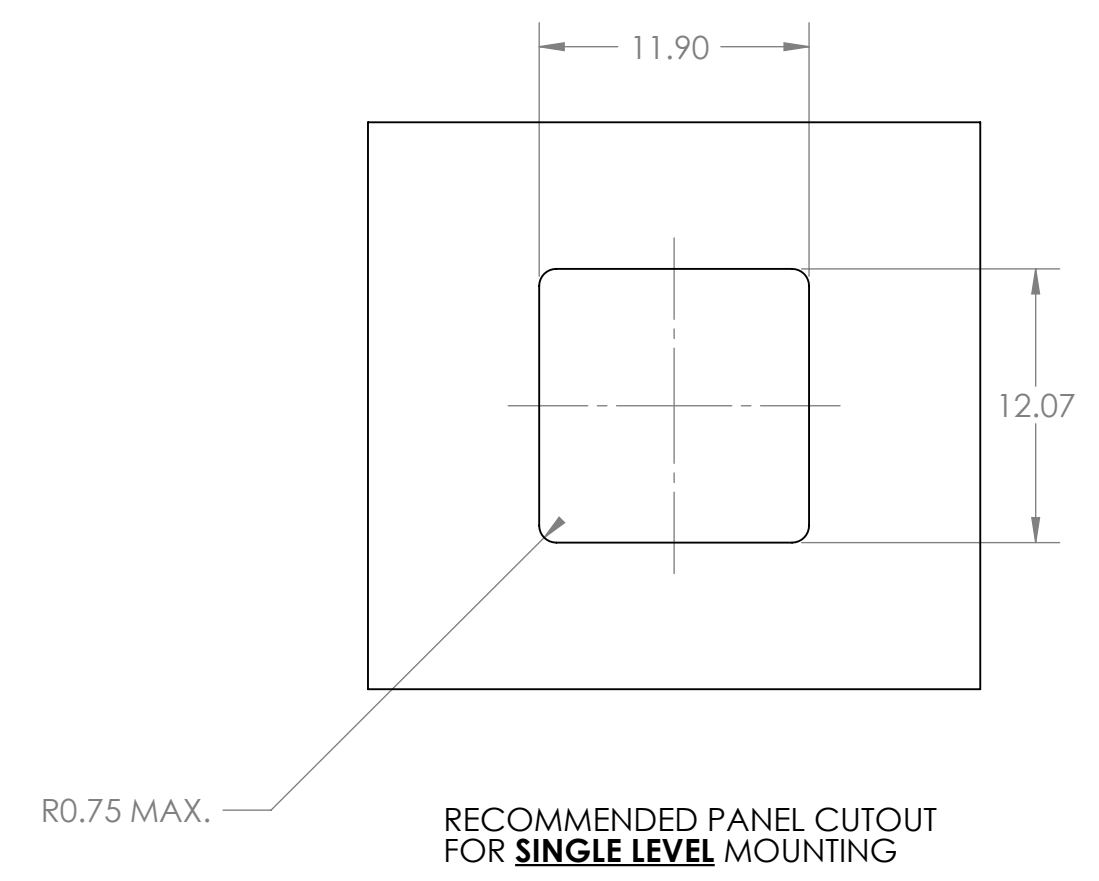
WITH PIN NUMBERS SHOWN
DETAIL B
SCALE 10 : 1

| | | | |
|---|------------|---------------|-----------|
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| .X ±0.2 | X° ±1° | CHECKED | MAY 09/13 |
| .XX ±0.1 | X.X° ±0.5° | QA APPR. | |
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| | | NSCM: | |

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|------------|-------------|--------------------|-----|---|
| SIZE | DWG. NO. | P-U92-A1X1-1X0X-7X | REV | E |
| SCALE: 2:1 | PROJECT: HD | SHEET 3 OF 4 | | |



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

- NOTES:
- MATERIAL
 - MAIN CAGE: PHOSPHOR BRONZE WITH NICKEL PLATING
 - HEAT SINK CLIP: STAINLESS STEEL
 - HEAT SINK: ALUMINUM ALLOY, 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
 - CONNECTOR AND CAGE ASSEMBLY ARE RoHS COMPLIANT

| | | | |
|---|------------|---------------|-----------|
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WITH LONG EMI FINGERS**

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|------------|-------------|--------------------|-----|---|
| SIZE | DWG. NO. | P-U92-A1X1-1X0X-7X | REV | E |
| SCALE: 1:1 | PROJECT: HD | SHEET 4 OF 4 | | |

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