



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



U92 - A1X0 - 1X0X - XX

HEATSINK 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

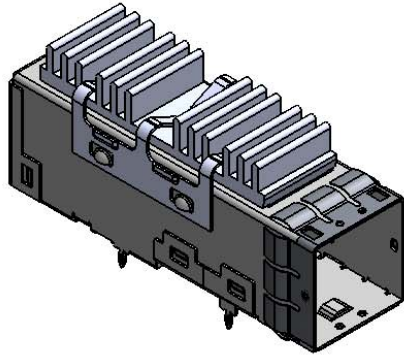
CONTACT PLATING

- 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

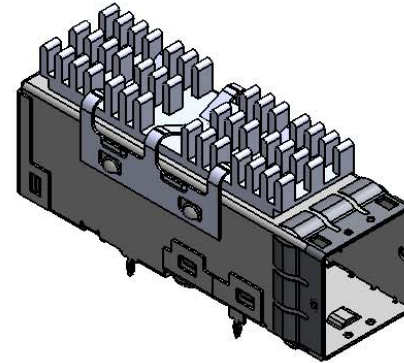
PACKAGING

- 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)

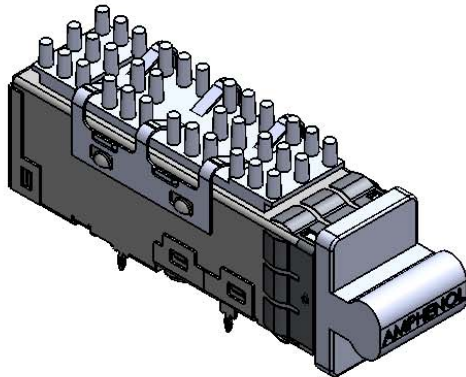
| REVISIONS | | | |
|-----------|----------------------------------|-----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| F | LEAD-FREE PLATING OPTION ADDED | JUL 04/11 | ZLJ |
| G | 8X 0.57 HOLE CHANGED TO 6X | JUL 29/11 | ADRIAN G |
| H | ADDED NOTES AND VIEW ADJUSTMENTS | JUL 29/11 |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



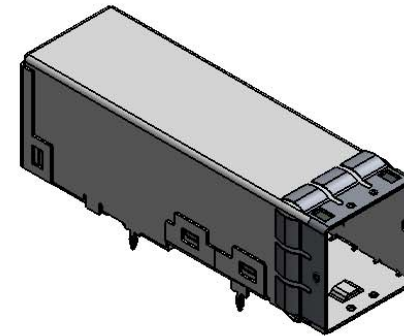
PART # **U92-A120-100A-10** SHOWN
(CAGE & CONNECTOR ASSEMBLY WITH FIN STYLE HEAT SINK ATTACHED, NO SCREWS AND NO DUST COVER)



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)



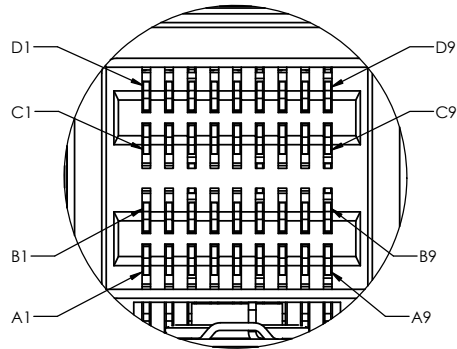
| | | | |
|---|------|---------------|------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | | APPROVAL | DATE |
| DRAWN | ZLJ | SEP 22/09 | |
| CHECKED | ZLJ | SEP 22/09 | |
| QA APPR. | | | |
| ME APPR. | | | |
| DWG APPR. | A.G. | SEP 22/09 | |
| DO NOT SCALE DRAWING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

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

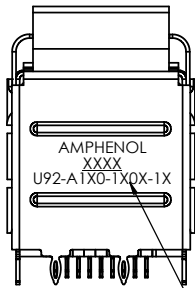
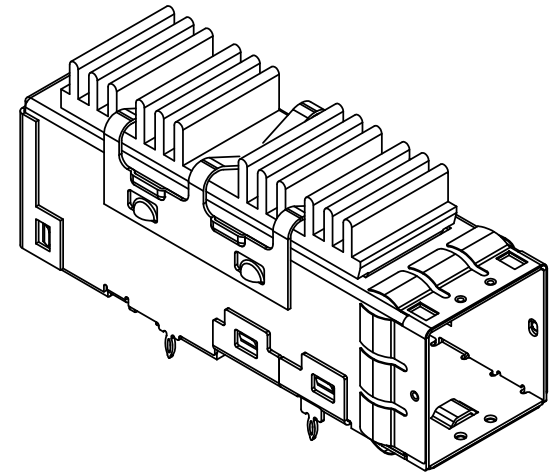
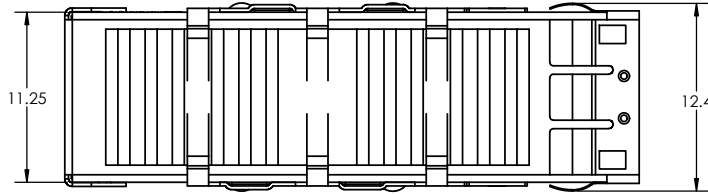
**4X MIN SAS HD
CAGE AND CONNECTOR
ASSEMBLY**

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

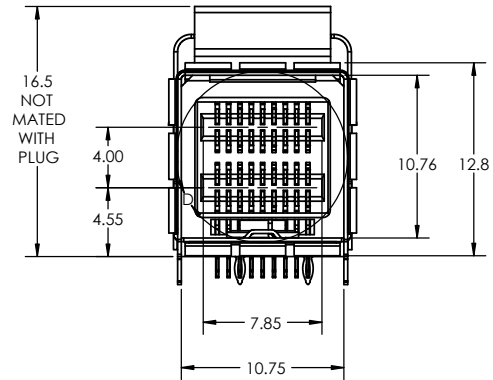
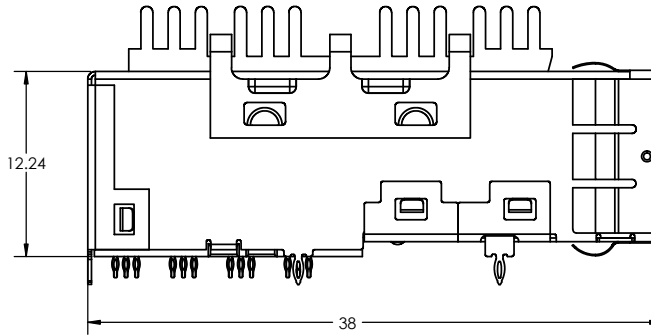
| REVISIONS | | | |
|-----------|---------------|-----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| K | SEE SHEET ONE | MAY 15/12 | ZLJ |



DETAIL D
SCALE 8 : 1

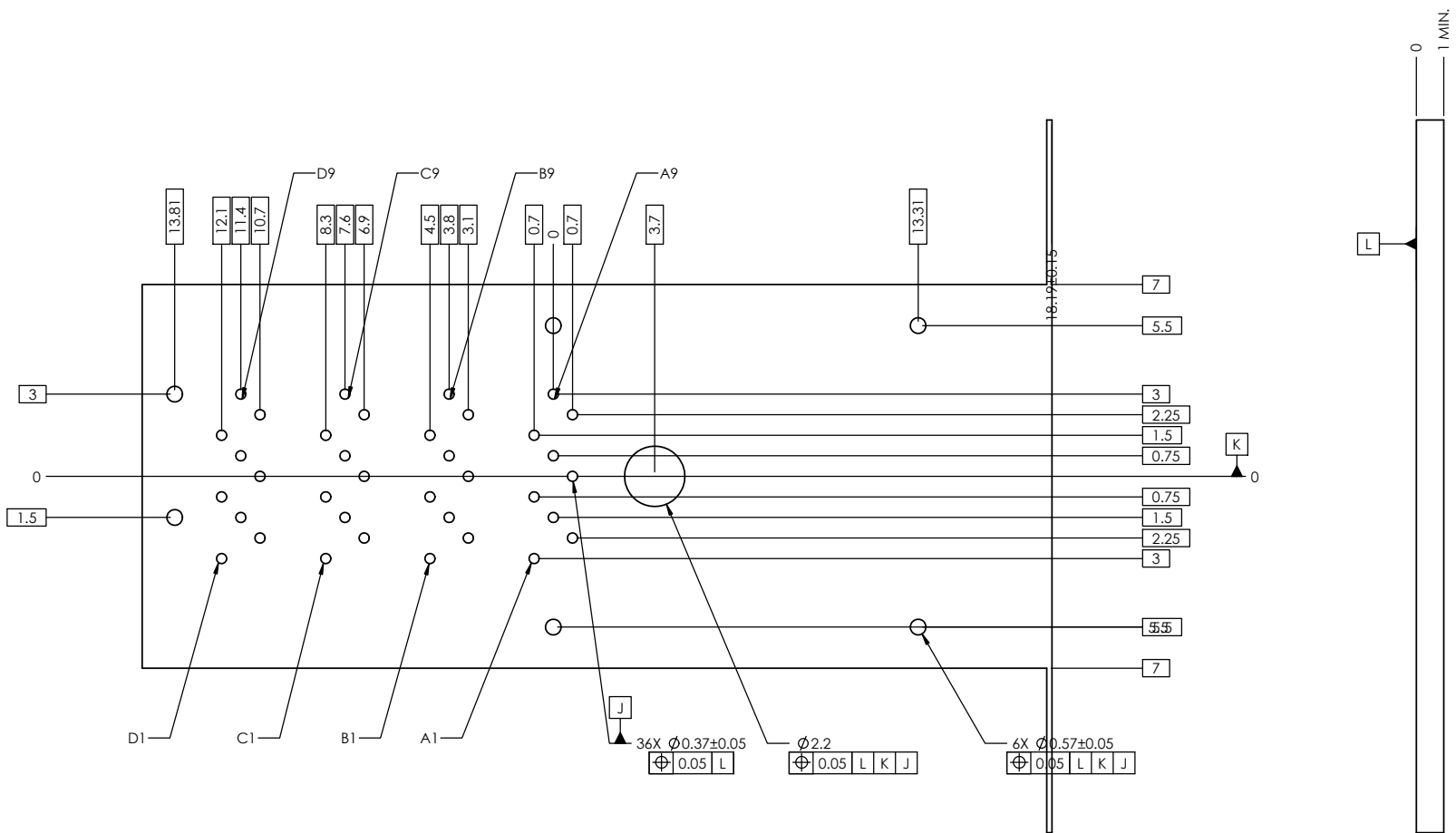


INK MARKING INFO:
FOUR (4) DIGIT DATE CODE AND PART NUMBER



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

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



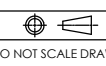
RECOMMENDED **SINGLE MOUNT**
PCB LAYOUT
COMPONENT SIDE SHOWN



THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

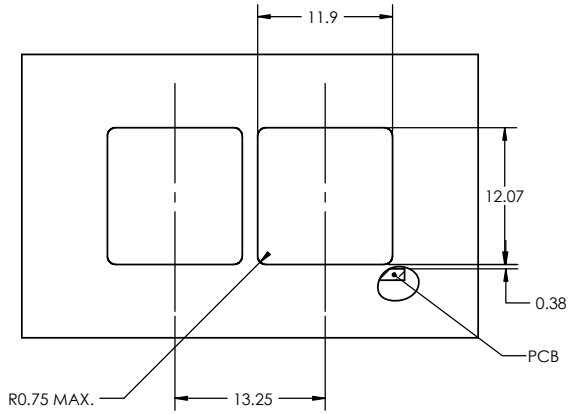
| | | |
|---|----------------|-----------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE: | APPROVAL | DATE |
| | DRAWN: ZLJ | SEP 22/09 |
| DECIMALS .X ±0.2 ANGLES X° ±1° .XX ±0.1 X.X° ±0.5° | CHECKED: ZLJ | SEP 22/09 |
| | QA APPR: | |
| | ME APPR: | |
| | DWG APPR: A.G. | 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. P-U92-A1X0-1X0X-XX | REV K |
| SCALE: 2:1 | PROJECT: HD | SHEET 3 OF 4 |

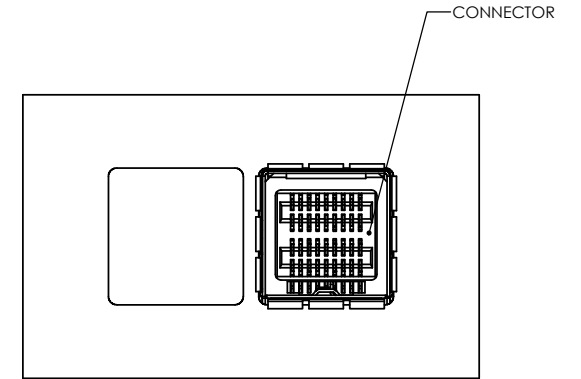
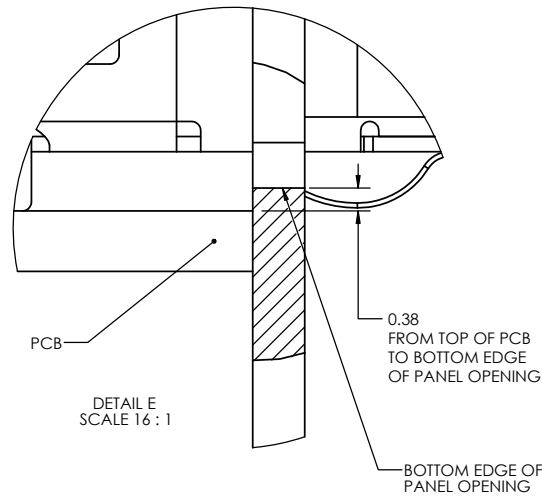
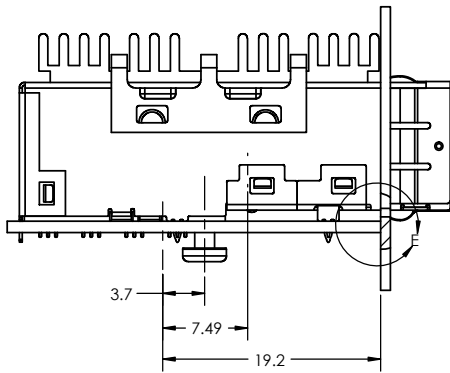
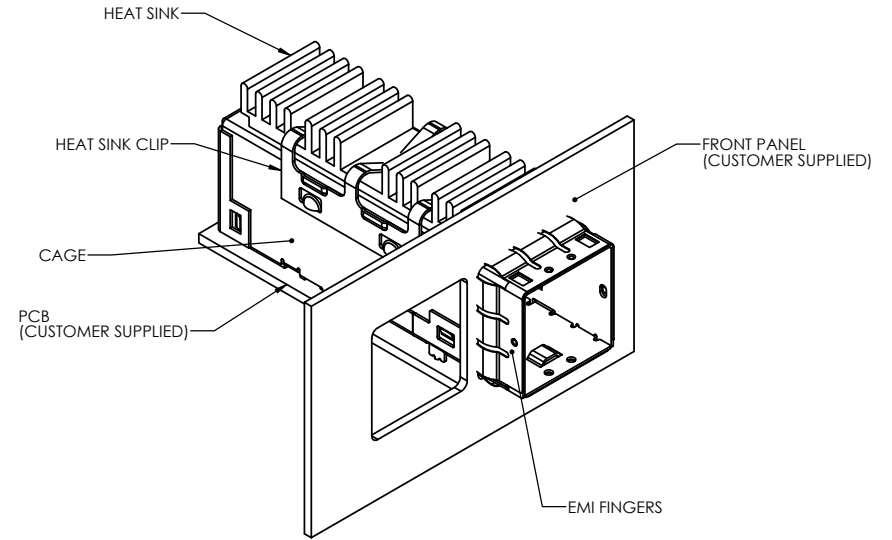


DO NOT SCALE DRAWING

| 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. | REV |
|-------------|--------------------|-----|
| SCALE: 1:1 | P-U92-A1X0-1X0X-XX | K |
| PROJECT: HD | SHEET 4 OF 4 | |