

# AMPHENOL PART NUMBER CONFIGURATION

U95-Z105-XXX1-XX1

### CAGE & CONNECTOR CONTACT PLATING

4 = 0.76 µm MIN. GOLD OVER 1.27-3.81 µm OF NICKEL ON MATING AREA  
 0.381-1.52 µm OF MATTE TIN OVER 1.27-3.81 µm OF NICKEL ON PRESS FIT TAIL AREA.  
 Ni PLATING FOR CAGE  
 (RoHS COMPLIANT PER RoHS DIRECTIVE 2011/65/EU)

### OPTIONAL DUST COVER

0 = WITHOUT DUST COVER  
 D = WITH DUST COVER

### VENT HOLES AND EMI COVER

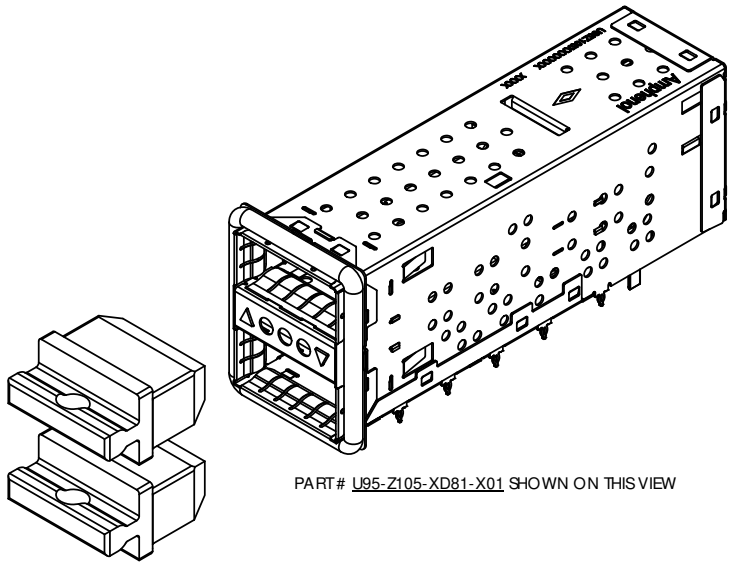
0 = WITH LARGE VENT HOLES & WITH EMI COVER  
 2 = WITH SMALL VENT HOLES & WITH EMI COVER  
 4 = WITH RECTANGULAR VENT HOLES & WITH EMI COVER

### EMI GASKET

1 = CHOMERICS 1273 CONDUCTIVE ELASTOMER  
 2 = CHOMERICS S6305 CONDUCTIVE ELASTOMER

### OPTIONAL LIGHT PIPES

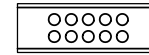
6 = WITH LIGHT PIPE (TRIANGULAR OUTLET)  
 LEFT ARROW POINTING BOTTOM PORT &  
 RIGHT ARROW POINTING TOP PORT  
 7 = WITHOUT LIGHT PIPE  
 8 = WITH LIGHT PIPE (REVERSED DIRECTION)  
 LEFT ARROW POINTING TOP PORT &  
 RIGHT ARROW POINTING BOTTOM PORT



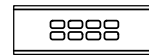
PART # U95-Z105-XD81-X01 SHOWN ON THIS VIEW



VENT HOLE FOR PART NUMBER  
 U95-Z105-XX71-X01



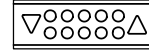
VENT HOLE FOR PART NUMBER  
 U95-Z105-XX71-X21



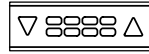
VENT HOLE FOR PART NUMBER  
 U95-Z105-XX71-X41



VENT HOLE FOR PART NUMBER  
 U95-Z105-XX61-X01



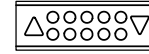
VENT HOLE FOR PART NUMBER  
 U95-Z105-XX61-X21



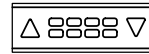
VENT HOLE FOR PART NUMBER  
 U95-Z105-XX61-X41



VENT HOLE FOR PART NUMBER  
 U95-Z105-XX81-X01



VENT HOLE FOR PART NUMBER  
 U95-Z105-XX81-X21



VENT HOLE FOR PART NUMBER  
 U95-Z105-XX81-X41

### NOTES

- MATERIAL  
 CAGE-PRESS FIT: COPPER ALLOY, NICKEL PLATED  
 CONNECTOR-PRESS FIT: PLASTIC HOUSING, FLAMMABILITY RATING UL94 V-0.  
 CONTACTS: PHOSPHOR BRONZE  
 PLATING OPTION: SEE AMPHENOL PART NO CONFIGURATION  
 EMI GASKET: CONDUCTIVE ELASTOMER  
 LIGHT PIPE: GE LEXAN, OPTICAL GRADE

| REVISIONS |                                       |           |       |
|-----------|---------------------------------------|-----------|-------|
| REV       | DESCRIPTION, EGN, EAR NO.             | DATE      | APP'D |
| A         | PROPOSAL DRAWING                      | APR 18/13 | ZLJ   |
| B         | Remove Non-RoHS & No EMI Cover Option | JUN 7/13  | ZLJ   |

|                            |             |                        |           |           |
|----------------------------|-------------|------------------------|-----------|-----------|
| UNLESS SPECIFIED OTHERWISE |             | DRAWN                  | ALVIN C.  | APR.18/13 |
| PRIMARY UNITS              | MILLIMETERS | CHECKED                | ZLATAN L. | APR.18/13 |
| SECONDARY                  | MILLIMETERS | M.E.                   | APP'D     |           |
| REFERENCE IN PARENTHESES   |             | Q.A.                   | APP'D     |           |
| GENERAL TOLERANCES         |             | DWG APPR.              |           |           |
| 1. DECIMAL PLACE           | 0.X ±0.25   | ENG. REL. NO.          |           |           |
| 2. DECIMAL PLACES          | 0.XX ±0.15  | REF.                   |           |           |
| 3. ANGULAR DEGREES         | X* ±1*      | THIRD ANGLE PROJECTION |           |           |
| 4. ANGULAR DEGREES         | X.X* ±0.5*  | DO NOT SCALE DRAWING   |           |           |

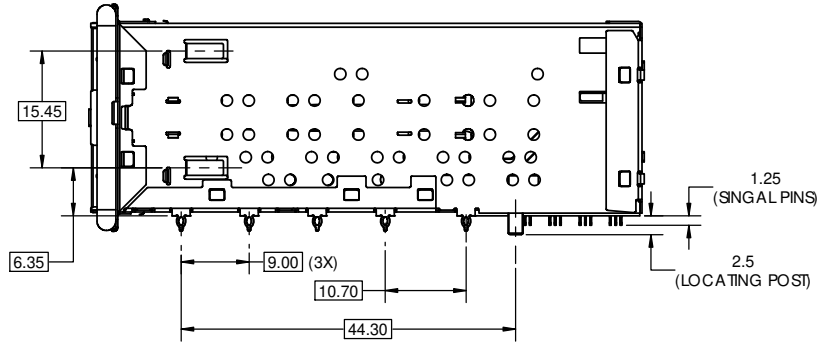
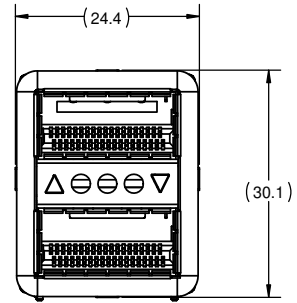
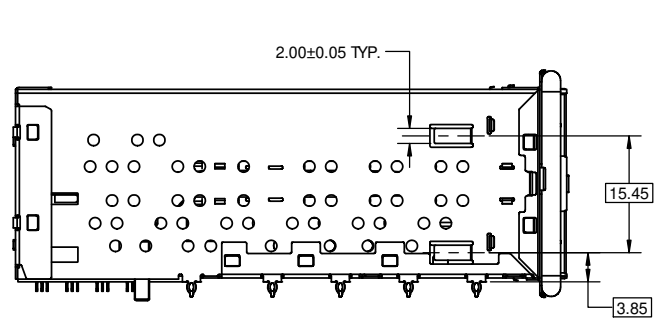
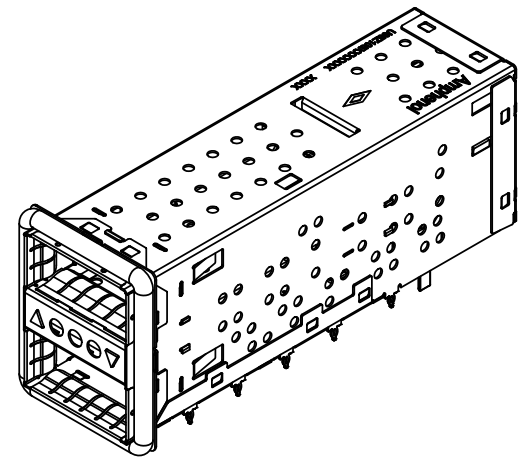
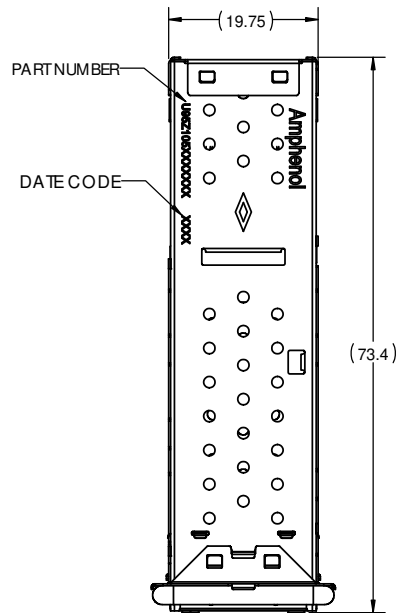
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 A Division of Amphenol Corp. [www.amphenol-highspeed.com](http://www.amphenol-highspeed.com)

**QSFP+ 2X1 STACKED COMBO  
 CONDUCTIVE ELASTOMERIC GASKET  
 4X25**

DWG. NO. **P-U95-Z105-XXX1-XX1** REV **B**

CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 1 OF 4

| REVISIONS |                           |          |       |
|-----------|---------------------------|----------|-------|
| REV       | DESCRIPTION, ECG, EAR NO. | DATE     | APP'D |
| B         | SEE PAGE 1                | JUN 7/13 | ZLJ   |
|           |                           |          |       |
|           |                           |          |       |

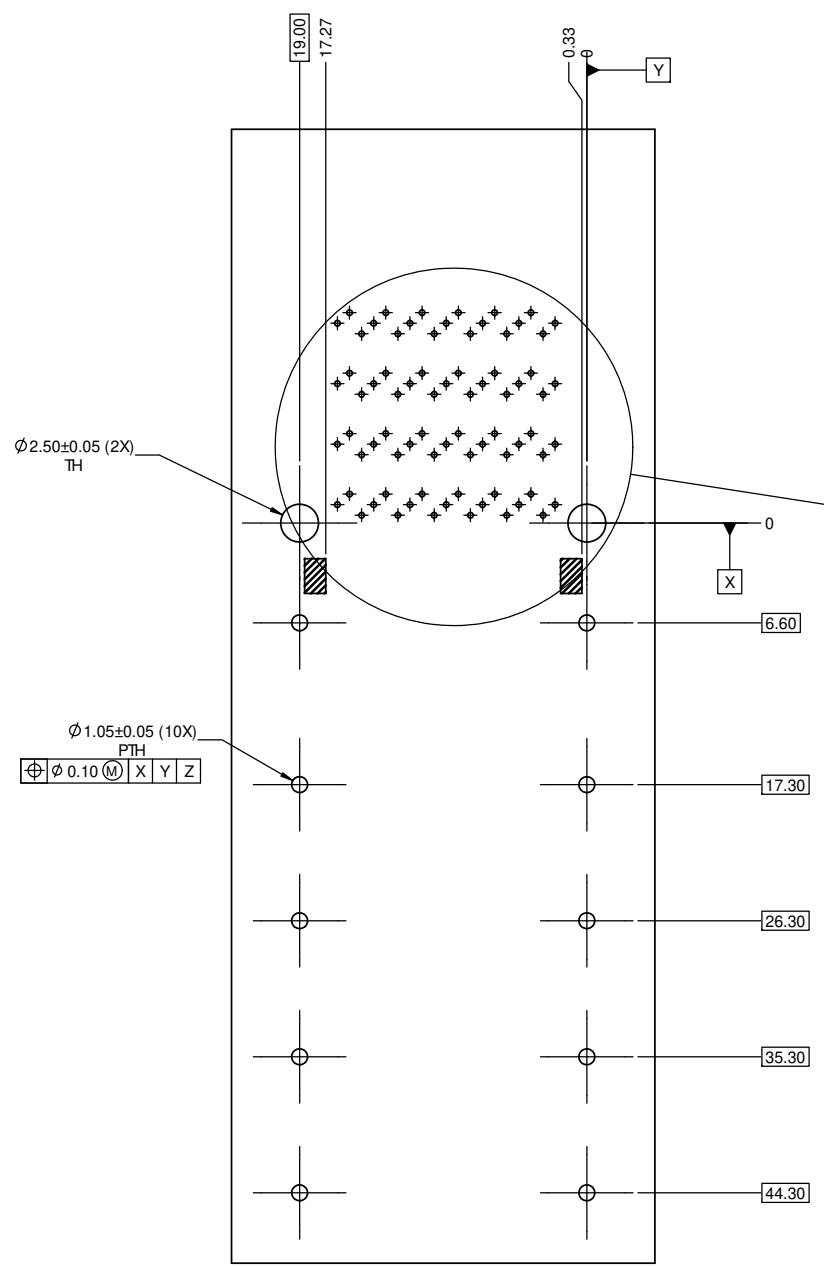


PART: # **U95-Z105-X081-X11** SHOWN ON THIS SHEET

|                              |                        |           |           |
|------------------------------|------------------------|-----------|-----------|
| UNLESS SPECIFIED OTHERWISE   | DRAWN                  | ALVIN C.  | APR.18/13 |
| PRIMARY UNITS MILLIMETERS    | CHECKED                | ZLATAN L. | APR.18/13 |
| SECONDARY MILLIMETERS        | M.E. APP'D             |           |           |
| REFERENCE IN PARENTHESES     | Q.A. APP'D             |           |           |
| GENERAL TOLERANCES           | DWG APPR.              |           |           |
| 1. DECIMAL PLACE 0.X±0.25    | ENG. REL. NO.          |           |           |
| 2. DECIMAL PLACES 0.XX±0.15  | REF.                   |           |           |
| 3. ANGULAR DEGREES X°±1°     | THIRD ANGLE PROJECTION |           |           |
| 4. ANGULAR DEGREES X.X°±0.5° | DO NOT SCALE DRAWING   |           |           |

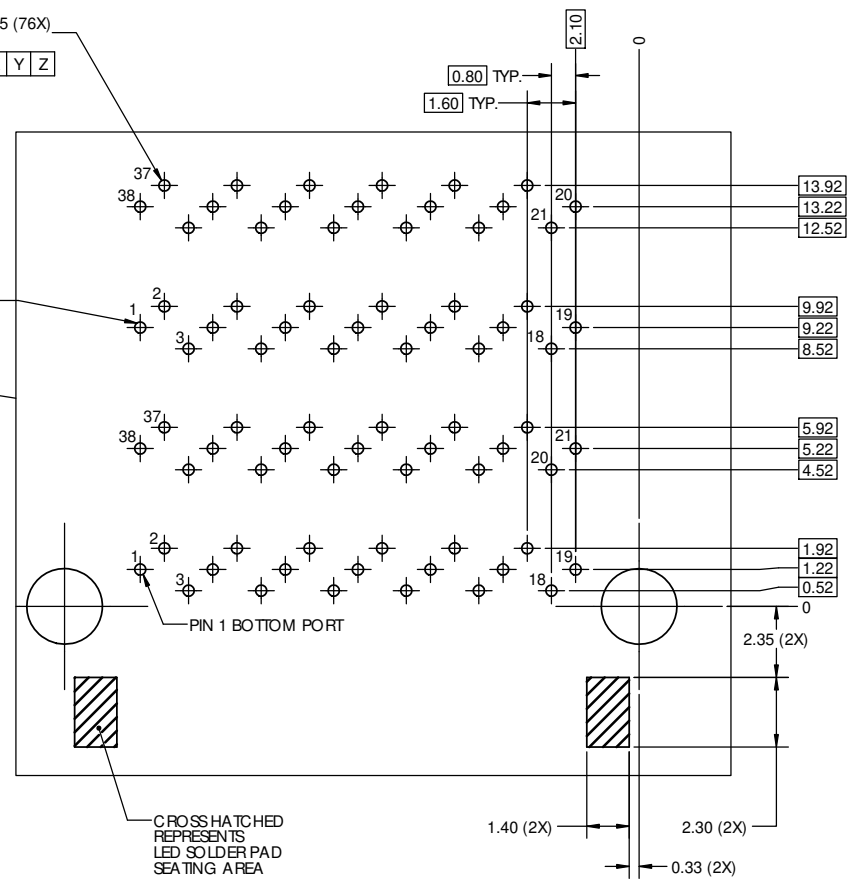
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|--|---------------------|-------------|-------------------------|
| Amphenol High Speed Interconnects<br>A Division of Amphenol Corp. www.amphenol-highspeed.com |                     |             |                         |
| QSF+ 2X1 STACKED COMBO<br>CONDUCTIVE ELASTOMERIC GASKET<br>4X25                              |                     |             |                         |
| DWG. NO.   | P-U95-Z105-XXX1-XX1 |             | REV B                   |
| CODE ID NO.  | 03554               | DWG SIZE: X | SCALE: 2:1 SHEET 2 OF 4 |

| REVISIONS |                           |          |       |
|-----------|---------------------------|----------|-------|
| REV       | DESCRIPTION, ECN, EAR NO. | DATE     | APP'D |
| B         | SEE PAGE 1                | JUN 7/13 | ZLJ   |
|           |                           |          |       |
|           |                           |          |       |



1.57 MIN

$\phi 0.37 \pm 0.05 (76X)$   
PTH  
 $\phi 0.10 (M) X Y Z$



DETAIL A  
SCALE 8:1

RECOMMENDED PCB BOARD LAYOUT  
COMPONENT SIDE SHOWN

|                            |             |                        |           |           |
|----------------------------|-------------|------------------------|-----------|-----------|
| UNLESS SPECIFIED OTHERWISE |             | DRAWN                  | ALVIN C.  | APR.18/13 |
| PRIMARY UNITS              | MILLIMETERS | CHECKED                | ZLATAN L. | APR.18/13 |
| SECONDARY                  | MILLIMETERS | M.E. APP'D             |           |           |
| REFERENCE IN PARENTHESES   |             | Q.A. APP'D             |           |           |
| GENERAL TOLERANCES         |             | DWG APPR.              |           |           |
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| 2. DECIMAL PLACES          | 0.XX ± 0.15 | REF.                   |           |           |
| 3. ANGULAR DEGREES         | X* ± 1*     | THIRD ANGLE PROJECTION |           |           |
| 4. ANGULAR DEGREES         | X.X* ± 0.5* | DO NOT SCALE DRAWING   |           |           |

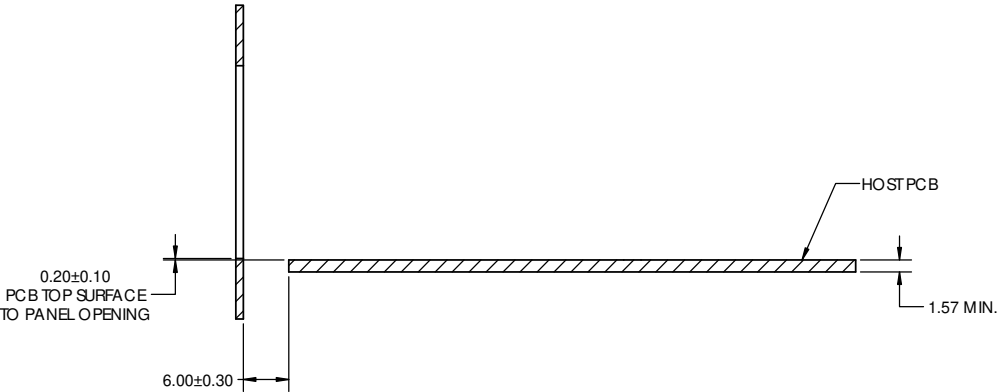
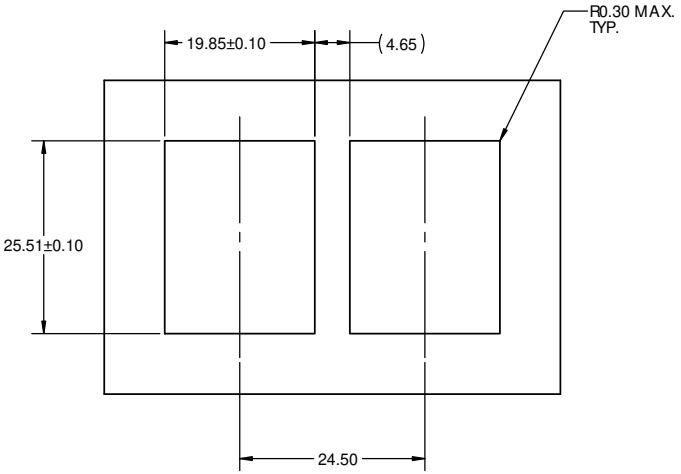
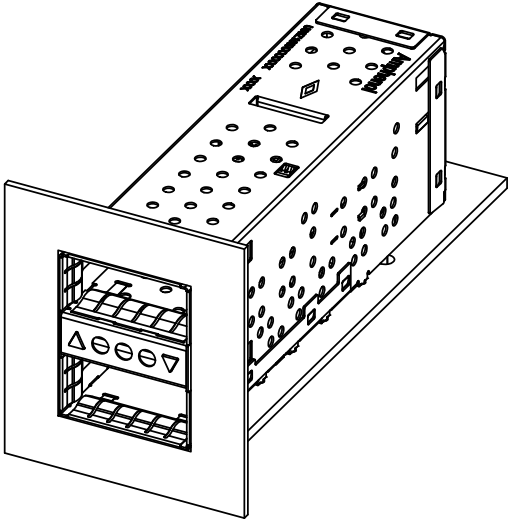
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4X25**

DWG. NO. **P-U95-Z105-XXX1-XX1** REV **B**

CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 3 OF 4

| REVISIONS |                           |          |       |
|-----------|---------------------------|----------|-------|
| REV       | DESCRIPTION, ECG, EAR NO. | DATE     | APP'D |
| B         | SEE PAGE 1                | JUN 7/13 | ZLJ   |
|           |                           |          |       |
|           |                           |          |       |



|                            |             |                        |           |           |
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**QSFP+ 2X1 STACKED COMBO CONDUCTIVE ELASTOMERIC GASKET 4X25**

DWG. NO. **P-U95-Z105-XXX1-XX1** REV **B**

CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 4 OF 4

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