

# AMPHENOL PART NUMBER CONFIGURATION

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
H	ADD KEEP OUT AREA NOTES	AUG14/14	JASON.S
J	GLUED GASKET OPTION ADDED	JUN18/15	JASON.S

U90-B205-XXX1-XX0

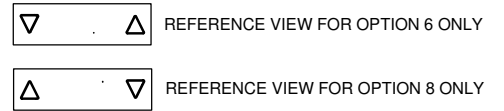
**CAGE & CONNECTOR CONTACT PLATING**  
 4 = 0.76 µm MIN. GOLD OVER 1.27-3.81 µm OF NICKEL ON MATING AREA  
 0.381-1.52 µm OF MATTE TIN OVER 1.27-3.81 µm OF NICKEL ON PRESS FIT TAIL AREA.  
 Ni PLATING FOR CAGE

**OPTIONAL DUST COVER**  
 0 = WITHOUT DUST COVER  
 D = WITH DUST COVER

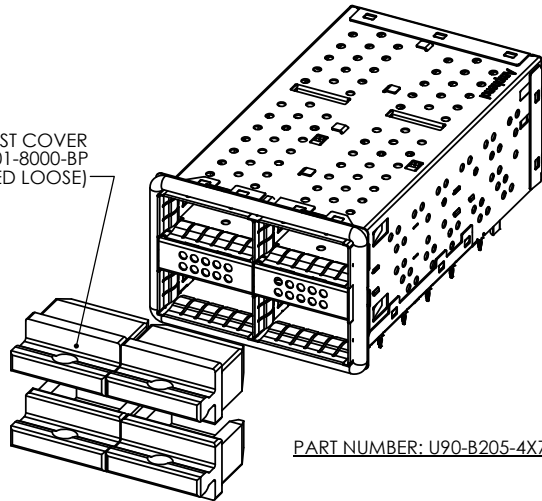
**VENT HOLES AND EMI COVER**  
 0 = WITH LAGE HOLES & WITH EMI COVER  
 2 = WITH SMALL VENT HOLES & WITH EMI COVER  
 4 = WITH RECTANGULAR VENT HOLES & WITH EMI COVER

**EMI GASKET**  
 1 = CHOMERICS 1273 CONDUCTIVE ELASTOMER  
 2 = CHOMERICS S6305 CONDUCTIVE ELASTOMER  
 8 = CHOMERICS 1273 CONDUCTIVE ELASTOMER GLUED TO GASKET SUPPORT  
 9 = CHOMERICS S6305 CONDUCTIVE ELASTOMER GLUED TO GASKET SUPPORT

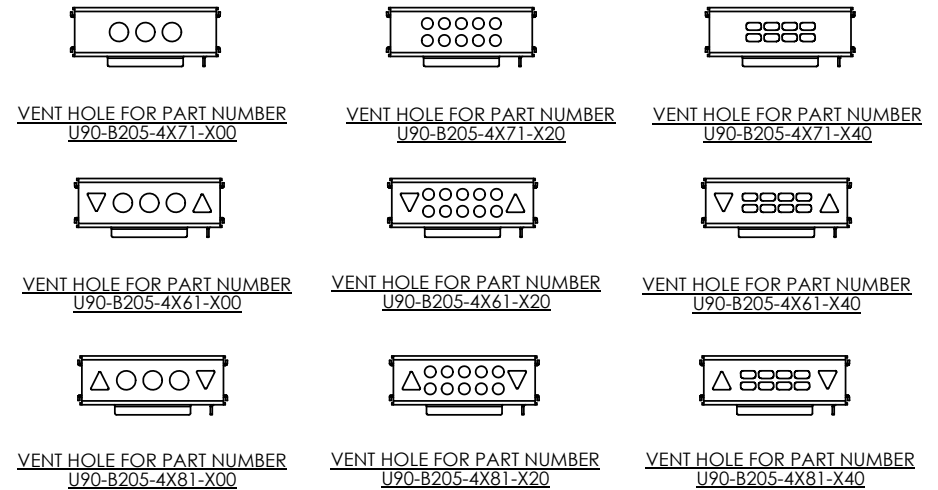
**OPTIONAL LIGHT PIPES**  
 6 = WITH LIGHT PIPE (TRIANGULAR OUTLET)  
 LEFT ARROW POINTING BOTTOM PORT &  
 RIGHT ARROW POINTING TOP PORT  
 7 = WITHOUT LIGHT PIPE  
 8 = WITH LIGHT PIPE (REVERSED DIRECTION)  
 LEFT ARROW POINTING TOP PORT &  
 RIGHT ARROW POINTING BOTTOM PORT



OPTIONAL DUST COVER  
 P/N U90-1401-8000-BP  
 (SHIPPED LOOSE)

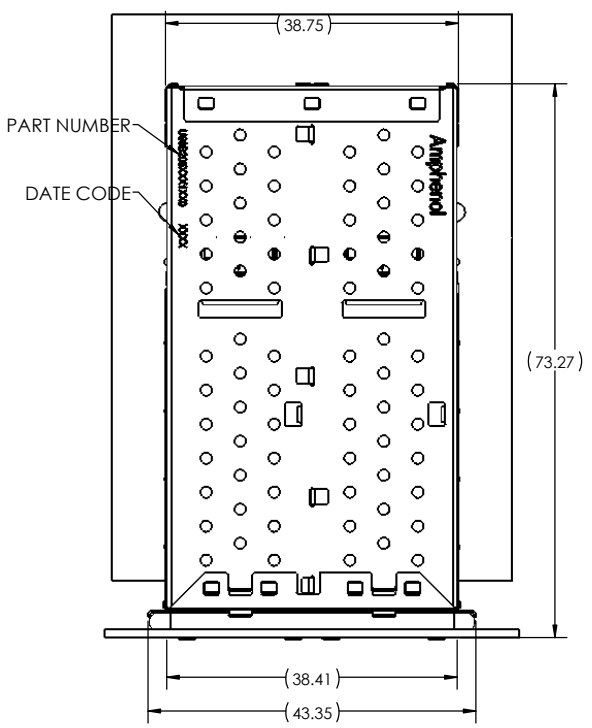


PART NUMBER: U90-B205-4X71-X20



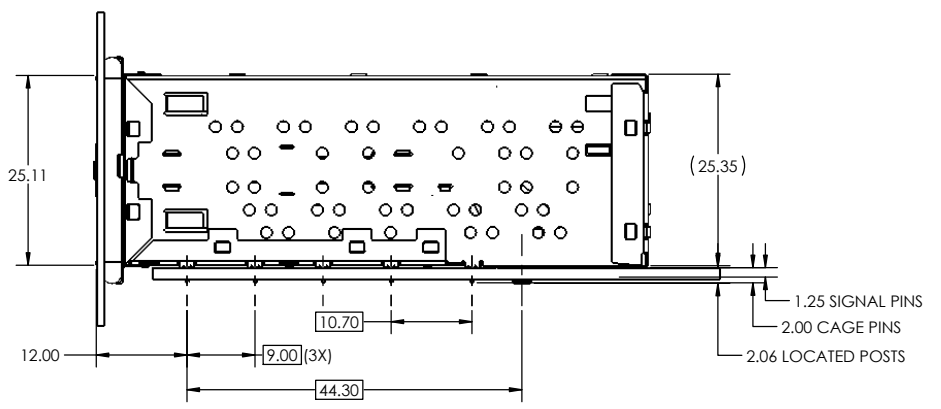
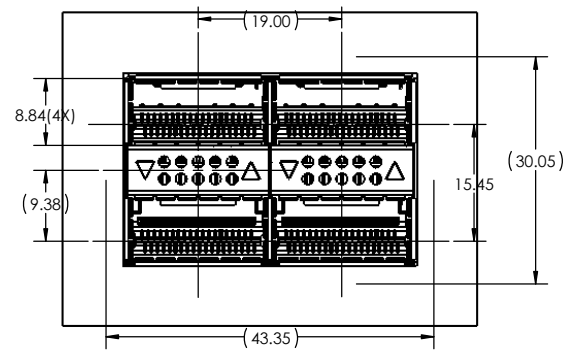
UNLESS SPECIFIED OTHERWISE	DRAWN	M.HASAN	JUL 04/11	<b>Amphenol High Speed Interconnects</b> A Division of Amphenol Corp. www.amphenol-highspeed.com  <b>QSFP+ STACKED 2X2 COMBO</b>	
PRIMARY UNITS	MILLIMETERS	CHECKED	ZLATAN.J		JUL 04/11
SECONDARY	N/A	M.E. APP'D	ANDY.C		JUL 04/11
REFERENCE IN PARENTHESES		Q.A. APP'D	JOE.P		JUL 04/11
GENERAL TOLERANCES		DWG APPR.	ZLATAN.J	JUL 04/11	
1. DECIMAL PLACE	X.X ±0.25	ENG. REL. NO.			
2. DECIMAL PLACES	X.XX ±0.13	REF.			
3. ANGULAR DEGREES	X° ±1°	THIRD ANGLE PROJECTION			
4. ANGULAR DEGREES	X.X° ±0.5°				
DWG. NO. <b>P-U90-B205-XXX1-XX0</b>				REV <b>J</b>	
CODE ID NO. <b>03554</b>				DWG SIZE: <b>C</b>	
SCALE: <b>2:1</b>				SHEET <b>1</b> OF <b>4</b>	

REVISIONS			
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J	GLUED GASKET OPTION ADDED	JUN18/15	JASON.S



**NOTES:**

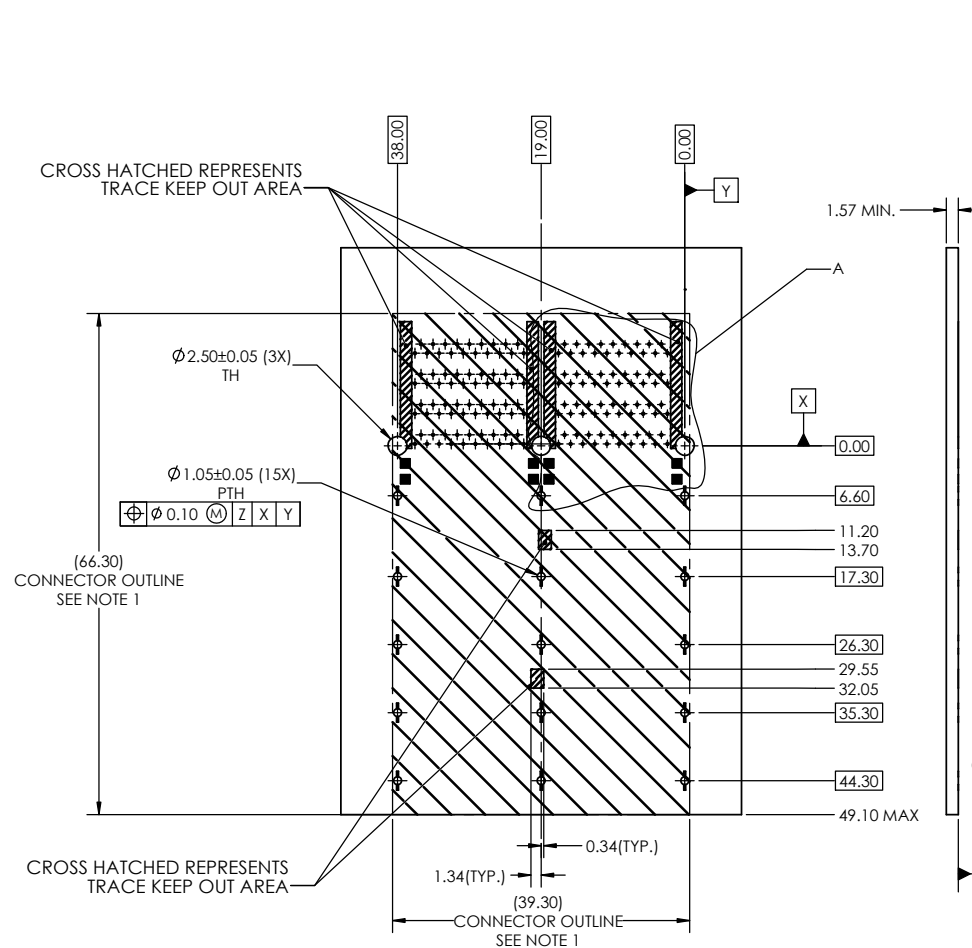
1. MATERIAL  
 CAGE-PRESS FIT: COPPER ALLOY, NICKEL PLATED  
 CONNECTOR-PRESS FIT: PLASTIC HOUSING, FLAMMABILITY RATING UL94 V-0.  
 CONTACTS : PHOSPHOR BRONZE  
 PLATING OPTION: SEE AMPHENOL PART NO CONFIGURATION  
 EMI GASKET: CONDUCTIVE ELASTOMER  
 EMI FINGERS: PHOSPHOR BRONZE WITH NICKEL PLATING  
 LIGHT PIPE: GE LEXAN, OPTICAL GRADE
2. AMPHENOL PART NUMBER U90-B205-4061-X20 IS SHOWN ON THIS PAGE.



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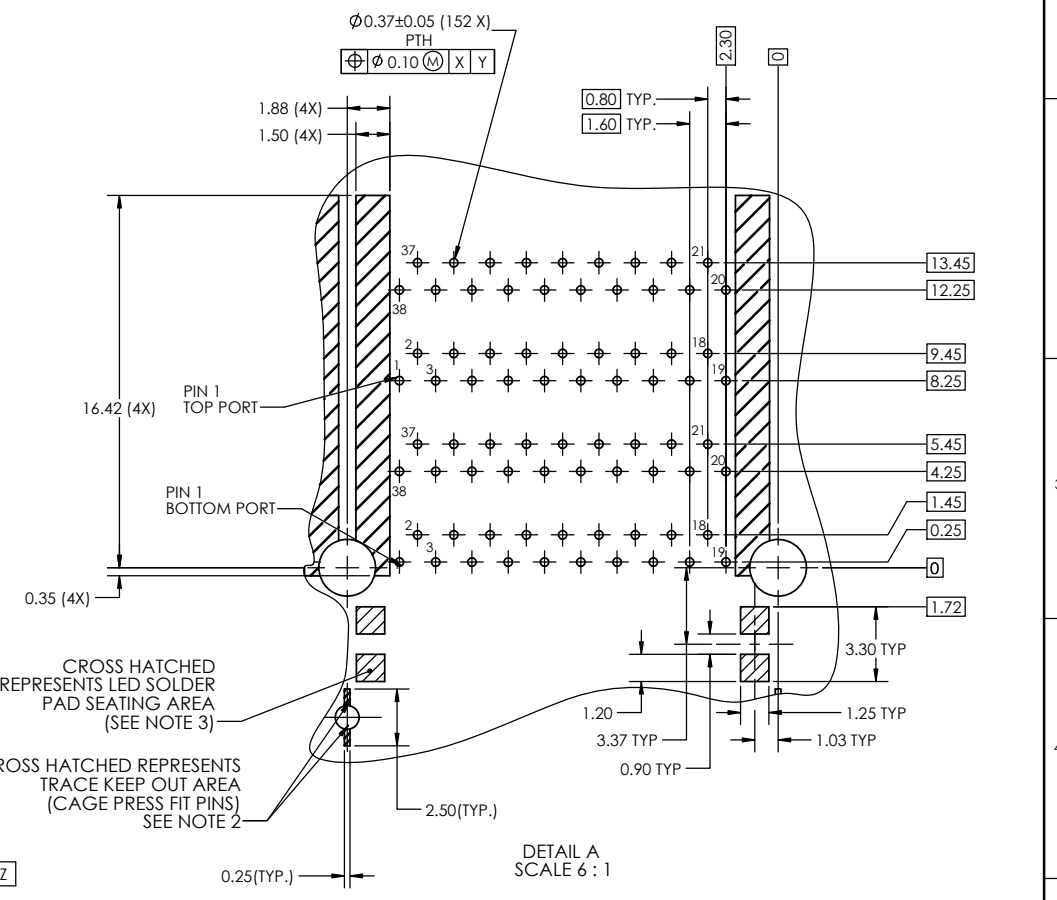
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RECOMMENDED PCB BOARD LAYOUT  
COMPONENT SIDE SHOWN

- NOTES:
1. THE ENTIRE AREA UNDER THE CONNECTOR IS COMPONENT KEEP OUT AREA.
  2. CROSS HATCHED REPRESENTS TRACE KEEP OUT AREA.
  3. CROSS HATCHED REPRESENTS LED SOLDER PAD SEATING AREA, EXTENDING VERTICALLY 0.80 MM ABOVE THE TOP OF HOST PCB.



DETAIL A  
SCALE 6 : 1

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**Amphenol High Speed Interconnects**  
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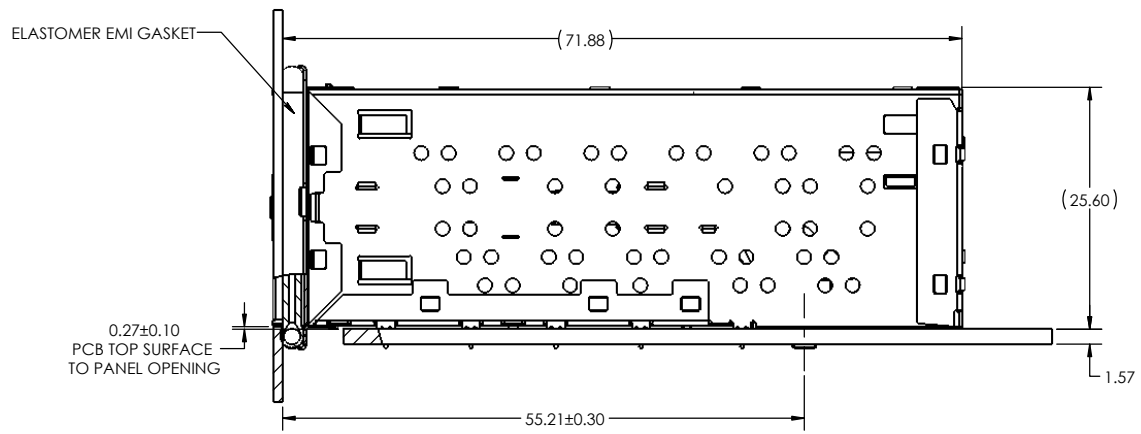
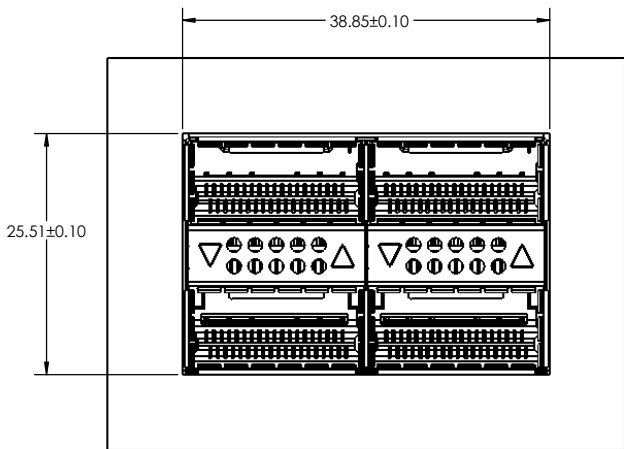
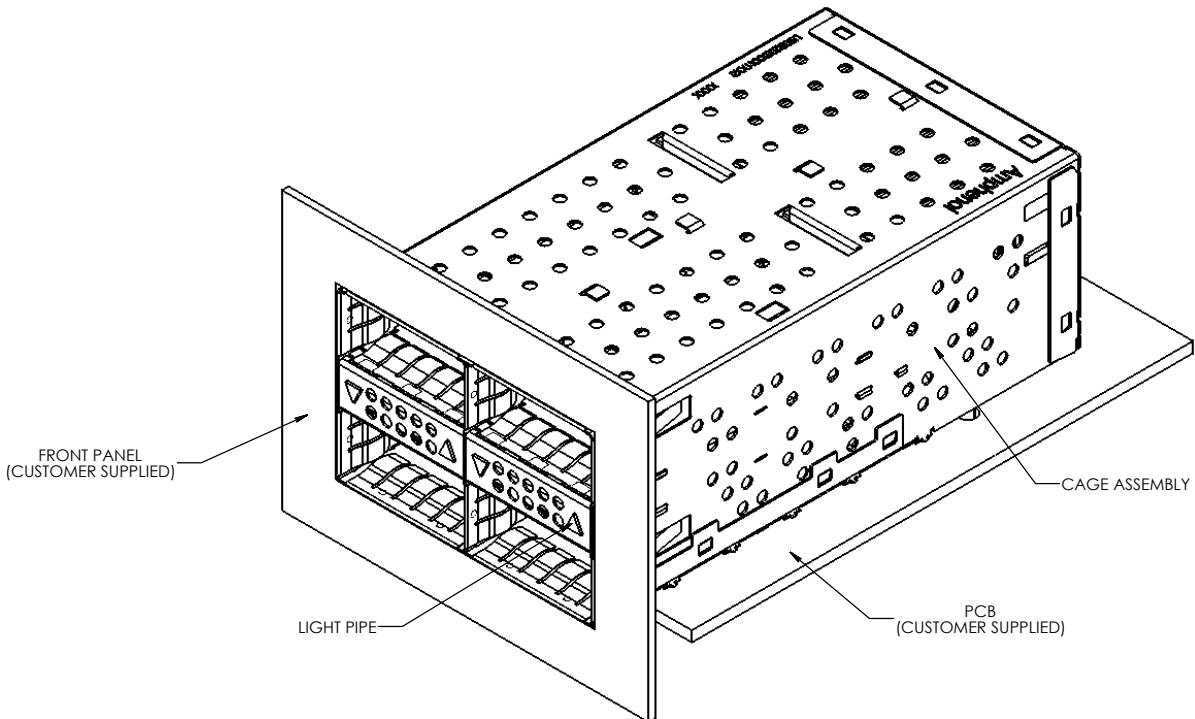
**QSFP+ STACKED 2X2 COMBO**

**P-U90-B205-XXX1-XX0**

DWG. NO. **P-U90-B205-XXX1-XX0** REV **J**

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

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QSF+ STACKED 2X2 COMBO	
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CODE ID NO.	03554
DWG SIZE:	C
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SHEET	4 OF 4

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