

AMPHENOL PART NUMBER CONFIGURATION

REVIEWS			
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 LARGE 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

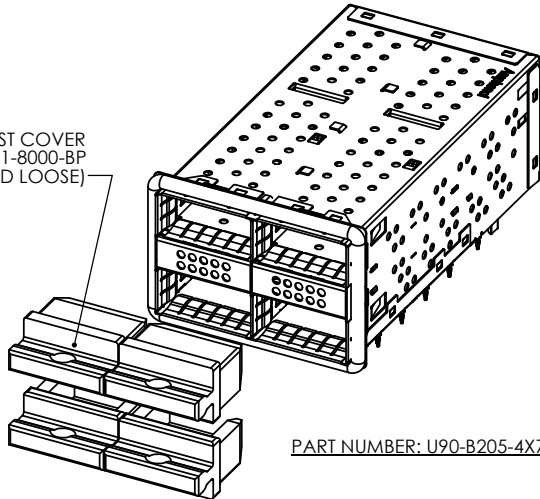


REFERENCE VIEW FOR OPTION 6 ONLY



REFERENCE VIEW FOR OPTION 8 ONLY

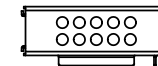
OPTIONAL DUST COVER
P/N U90-1401-8000-BP
(SHIPPED LOOSE)



PART NUMBER: U90-B205-4X71-X20



VENT HOLE FOR PART NUMBER
U90-B205-4X71-X00



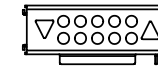
VENT HOLE FOR PART NUMBER
U90-B205-4X71-X20



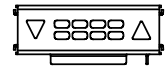
VENT HOLE FOR PART NUMBER
U90-B205-4X71-X40



VENT HOLE FOR PART NUMBER
U90-B205-4X61-X00



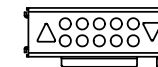
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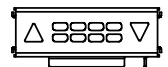
VENT HOLE FOR PART NUMBER
U90-B205-4X61-X40



VENT HOLE FOR PART NUMBER
U90-B205-4X81-X00



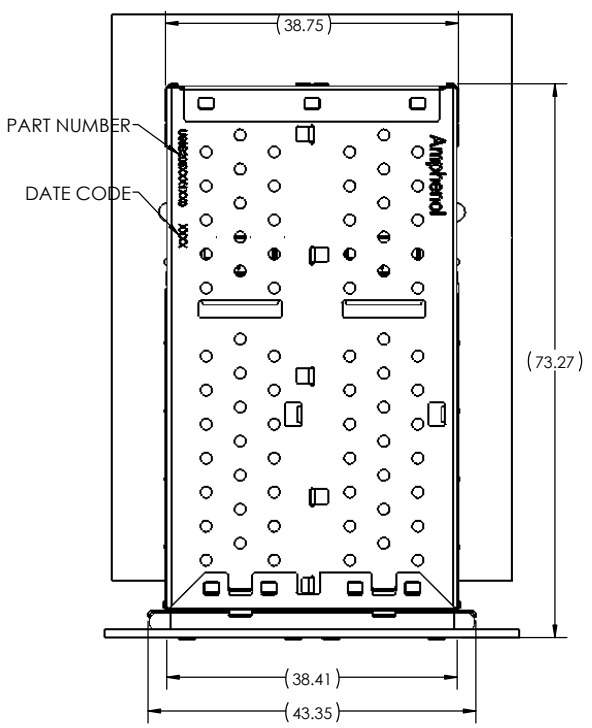
VENT HOLE FOR PART NUMBER
U90-B205-4X81-X20



VENT HOLE FOR PART NUMBER
U90-B205-4X81-X40

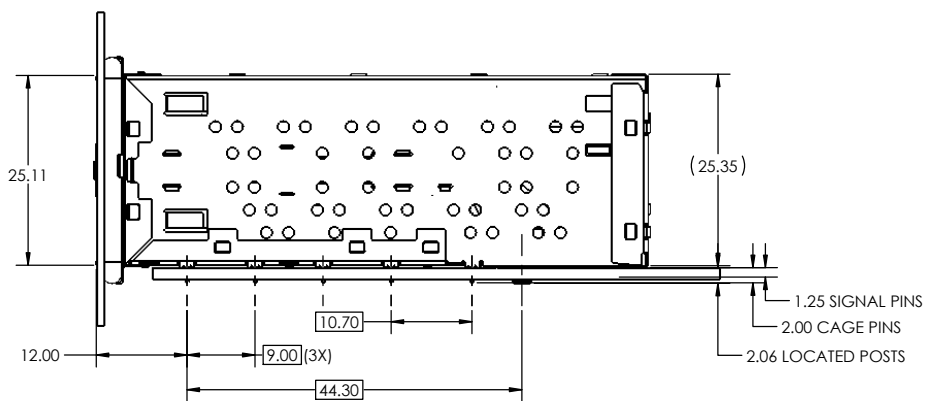
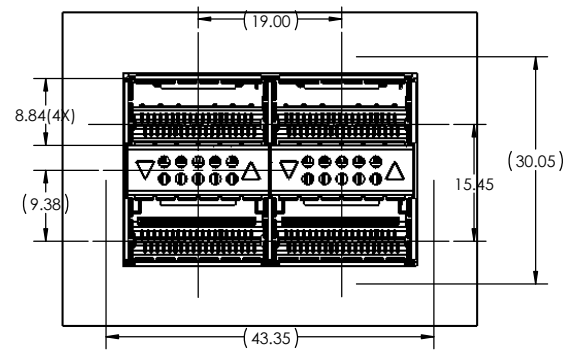
UNLESS SPECIFIED OTHERWISE		DRAWN	M.HASAN	JUL 04/11	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com QSFP+ STACKED 2X2 COMBO		
PRIMARY UNITS	MILLIMETERS	CHECKED	ZLATAN.J	JUL 04/11			
SECONDARY	N/A	M.E. APP'D	ANDY.C	JUL 04/11			
REFERENCE IN PARENTHESES		Q.A. APP'D	JOE.P	JUL 04/11			
GENERAL TOLERANCES		DWG APPR.	ZLATAN.J	JUL 04/11	P-U90-B205-XXX1-XX0		
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°				CODE ID NO.	03554	DWG SIZE: C
					SCALE: 2:1	SHEET 1 OF 4	
					REV	J	

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



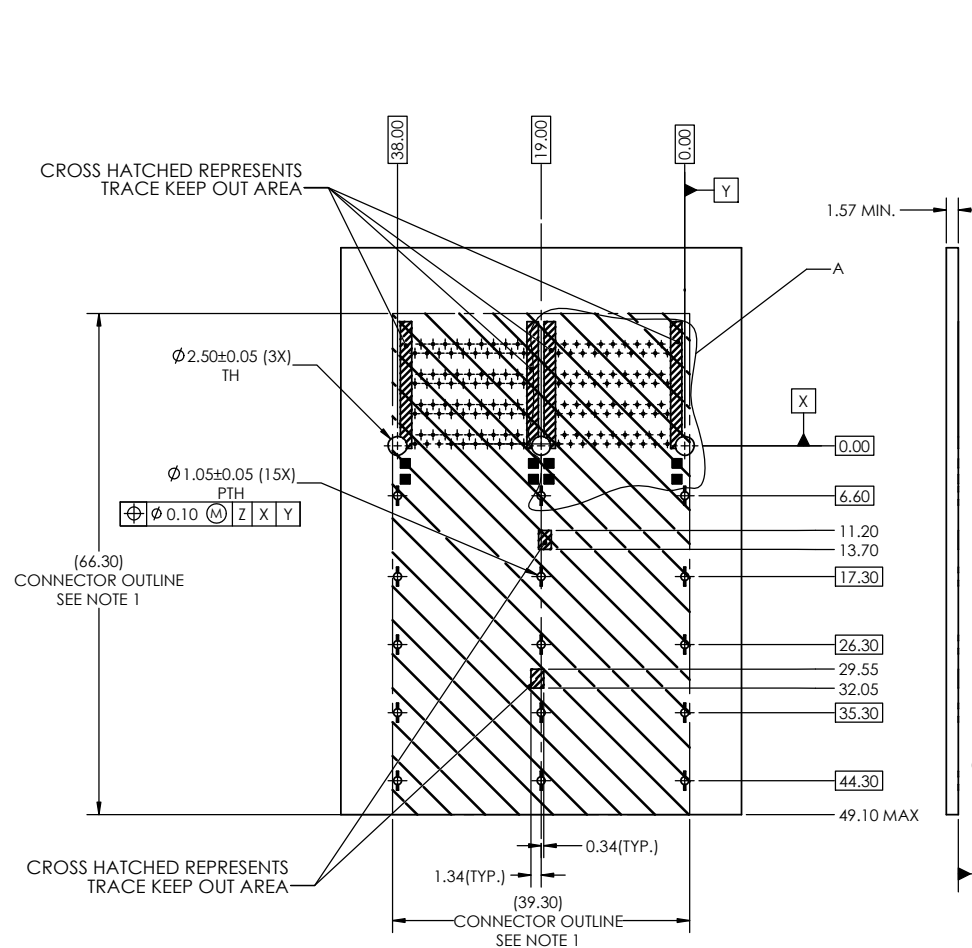
NOTES:

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.

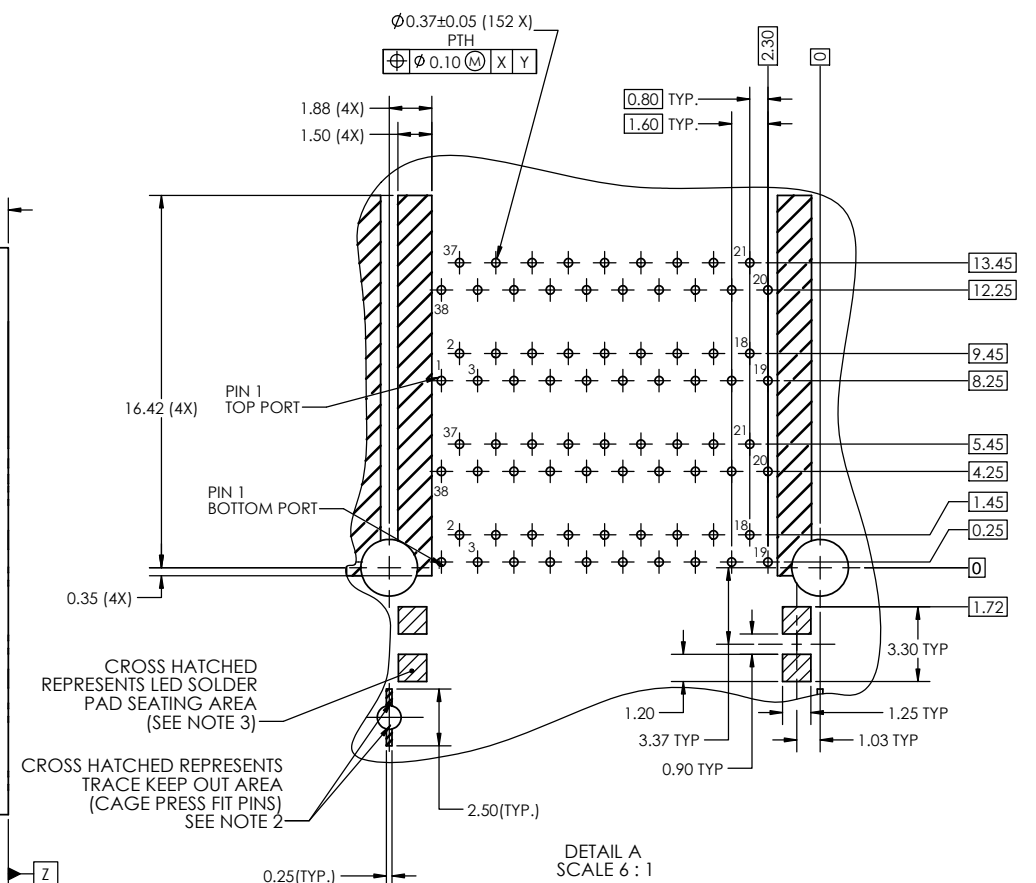


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PRIMARY UNITS MILLIMETERS		CHECKED		ZLATAN.J		JUL 04/11							
SECONDARY N/A		M.E. APP'D		ANDY.C		JUL 04/11		QSFP+ STACKED 2X2 COMBO					
REFERENCE IN PARENTHESES		Q.A. APP'D		JOE.P		JUL 04/11							
GENERAL TOLERANCES		DWG APPR.		ZLATAN.J		JUL 04/11		P-U90-B205-XXX1-XX0 CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 2 OF 4					
1. DECIMAL PLACE X.X±0.25		ENG. REL. NO.				DWG. NO.						REV	
2. DECIMAL PLACES X.XX±0.13		REF.		THIRD ANGLE PROJECTION  DO NOT SCALE DRAWING		J							
3. ANGULAR DEGREES X°±1°													
4. ANGULAR DEGREES X.X°±0.5°													

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RECOMMENDED PCB BOARD LAYOUT
COMPONENT SIDE SHOWN

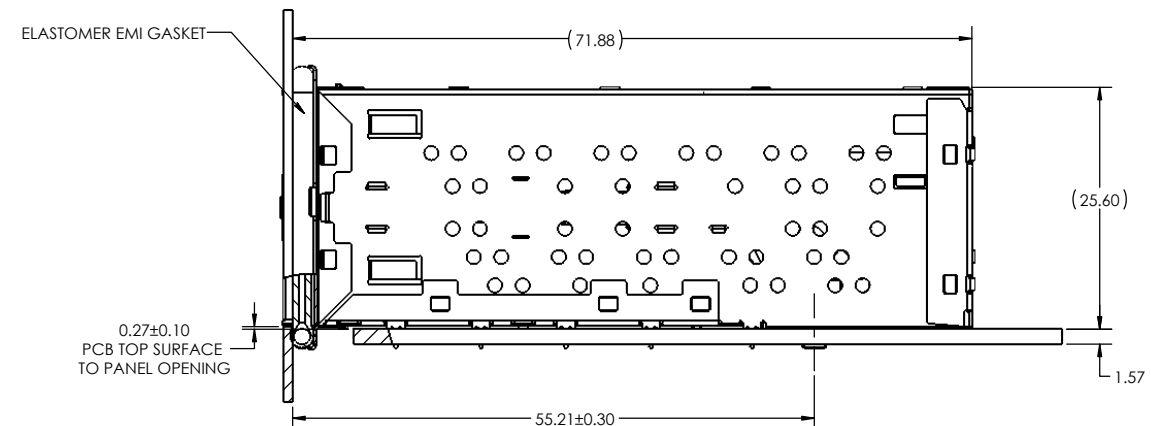
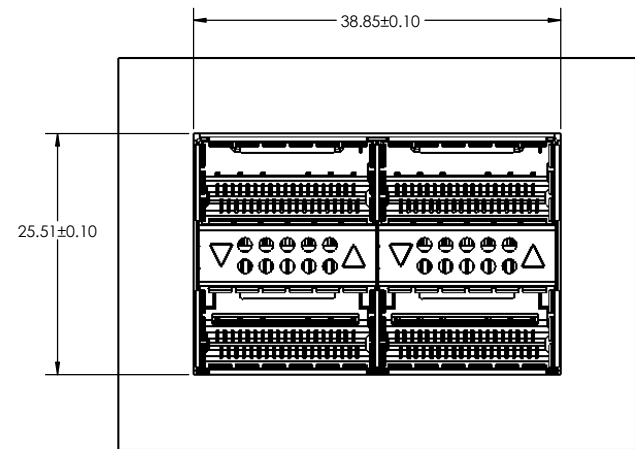
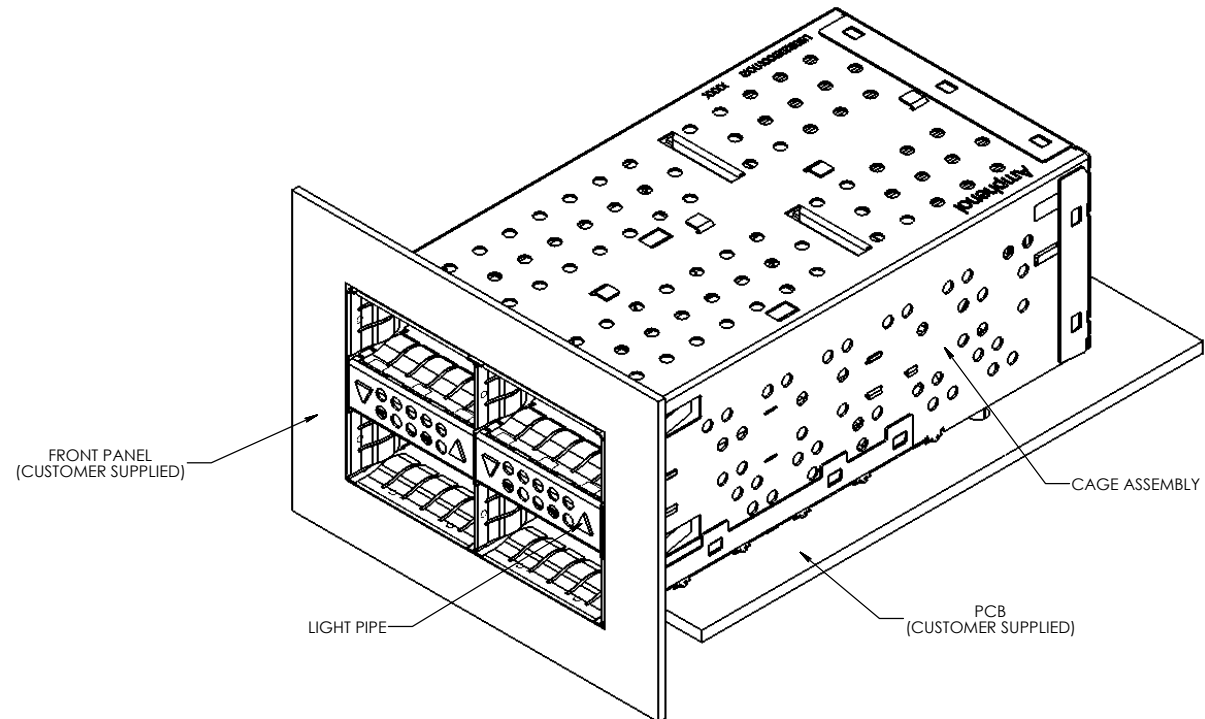


DETAIL A
SCALE 6 : 1

- 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.

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SECONDARY	N/A	M.E. APP'D	ANDY.C	JUL 04/11	QSFP+ STACKED 2X2 COMBO	
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2. DECIMAL PLACES	X.XX ±0.13	REF.			DWG. NO. CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 3 OF 4	
3. ANGULAR DEGREES	X° ±1°	THIRD ANGLE PROJECTION				
4. ANGULAR DEGREES	X.X° ±0.5°				REV J	

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2. DECIMAL PLACES		REF.			P-U90-B205-XXX1-XX0	
3. ANGULAR DEGREES		THIRD ANGLE PROJECTION				
4. ANGULAR DEGREES					CODE ID NO. 03554	REV J
					DWG SIZE: C	SHEET 4 OF 4
					SCALE: 2:1	

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