

# AMPHENOL PART NUMBER CONFIGURATION

U95-Z305-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

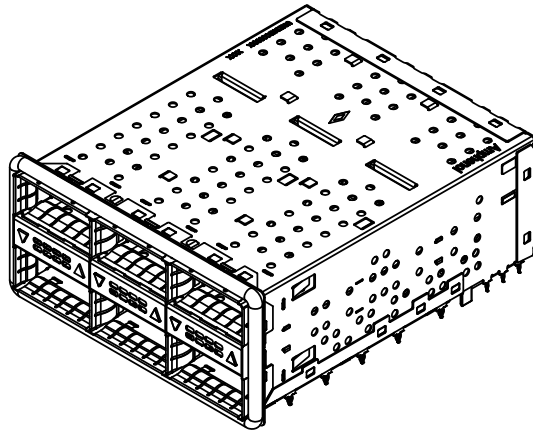
**EMI GASKET**

T = CHOMERICS 1273 CONDUCTIVE ELASTOMER  
 2 = CHOMERICS S6305 CONDUCTIVE ELASTOMER

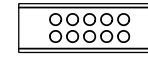
**OPTIONAL LIGHT PIPES**

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

REVISIONS			
REV	DESCRIPTION, EGN, EAR NO.	DATE	APP'D
A	PROPOSAL DRAWING	JUN 5/13	ZLJ
B	Remove Non-RoHS & No EMI Cover Option	JUN 7/13	ZLJ
C	H added to represent 4X25G with enhanced FTP	AUG 13/13	ZLJ
D	EMI Pins Around Connector Added	OCT 02/13	ZLJ
E	Vent Hole Views Part Number Corrected	OCT 31/13	ZLJ
F	Title Box Heading Modified	NOV 05/13	ZLJ



VENT HOLE FOR PART NUMBER  
U95-Z305-XX71-X01



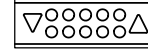
VENT HOLE FOR PART NUMBER  
U95-Z305-XX71-X21



VENT HOLE FOR PART NUMBER  
U95-Z305-XX71-X41



VENT HOLE FOR PART NUMBER  
U95-Z305-XX61-X01



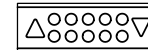
VENT HOLE FOR PART NUMBER  
U95-Z305-XX61-X21



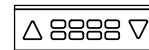
VENT HOLE FOR PART NUMBER  
U95-Z305-XX61-X41



VENT HOLE FOR PART NUMBER  
U95-Z305-XX81-X01



VENT HOLE FOR PART NUMBER  
U95-Z305-XX81-X21



VENT HOLE FOR PART NUMBER  
U95-Z305-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 NUMBER CONFIGURATION  
 EMI GASKET: CONDUCTIVE ELASTOMER  
 LIGHT PIPE: GELLEXAN, OPTICAL GRADE  
 DUST COVER (IF ORDERED) SHIPPED LOOSE

UNLESS SPECIFIED OTHERWISE		DRAWN	H. BALARAM	JUN 5/13
PRIMARY UNITS MILLIMETERS		CHECKED	ZLATAN L.	JUN 5/13
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		

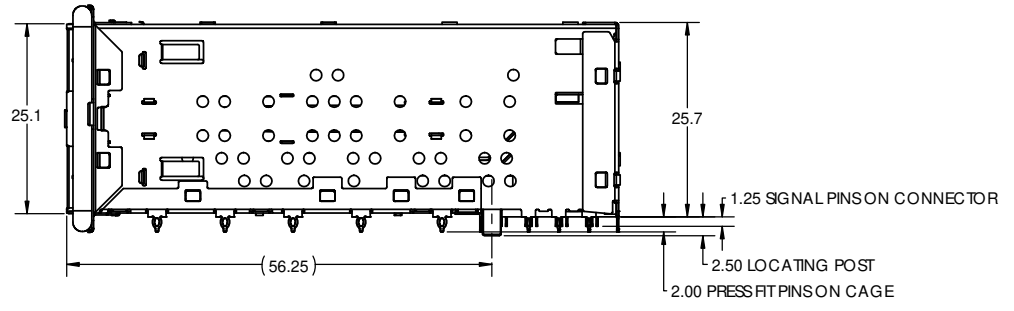
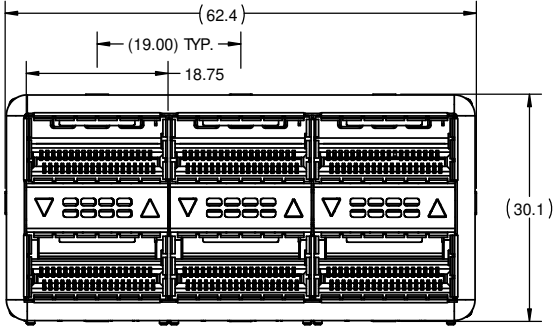
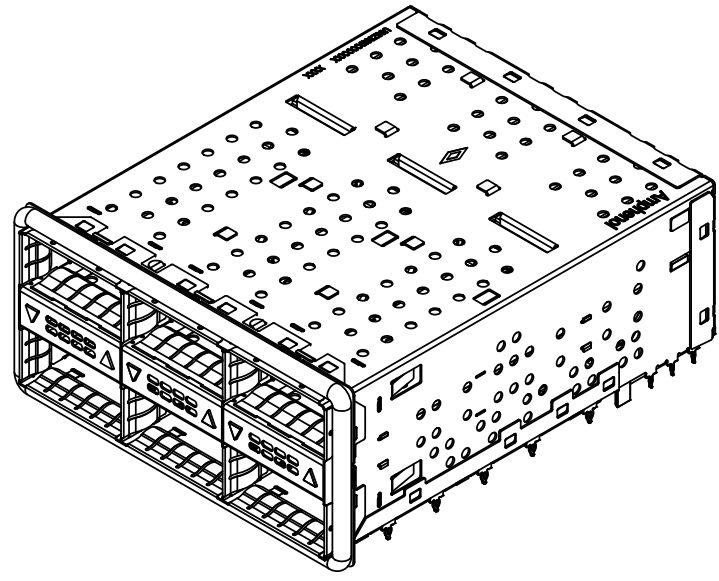
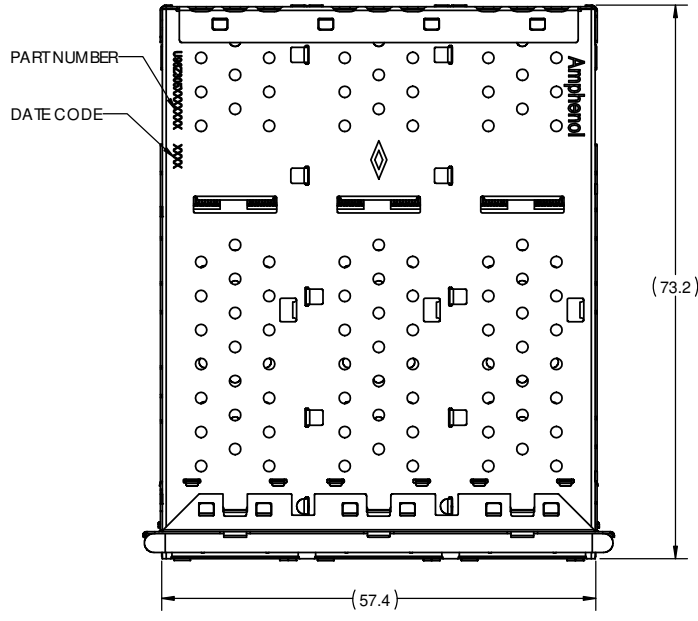
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**UltraPort QSFP+ 2X3  
 STACKED COMBO  
 WITH EMI GASKET  
 4X25G**

DWG. NO. **P-U95-Z305-XXX1-XX1** REV **F**

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

REVISIONS			
REV	DESCRIPTION, ECG, EAR NO.	DATE	APP'D
F	SEE SHEET 1	NOV 05/13	ZLJ



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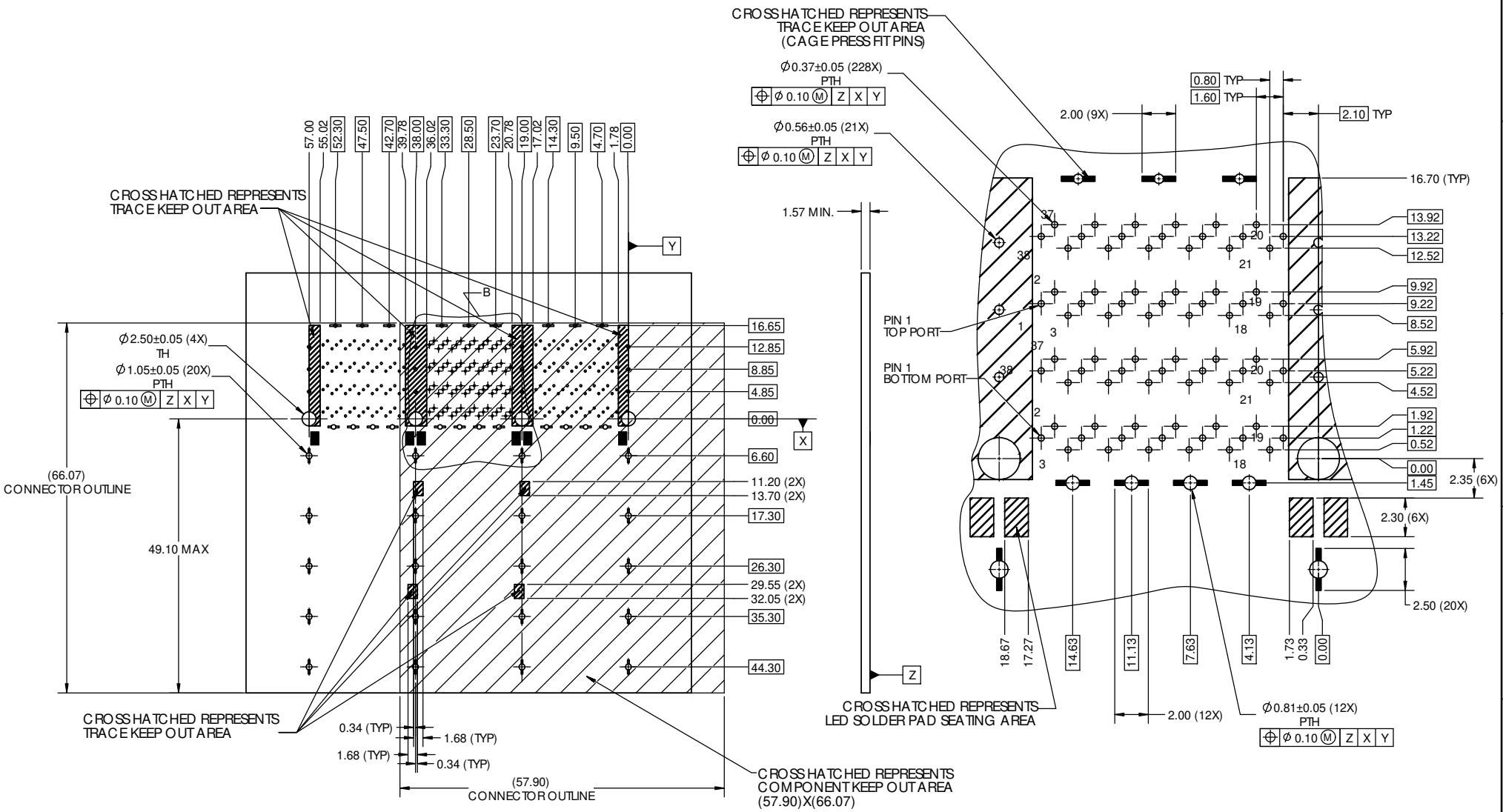
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CODE ID NO. 03554 DWG SIZE: X SCALE: 2:1 SHEET 2 OF 4

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RECOMMENDED PCB BOARD LAYOUT  
COMPONENT SIDE SHOWN

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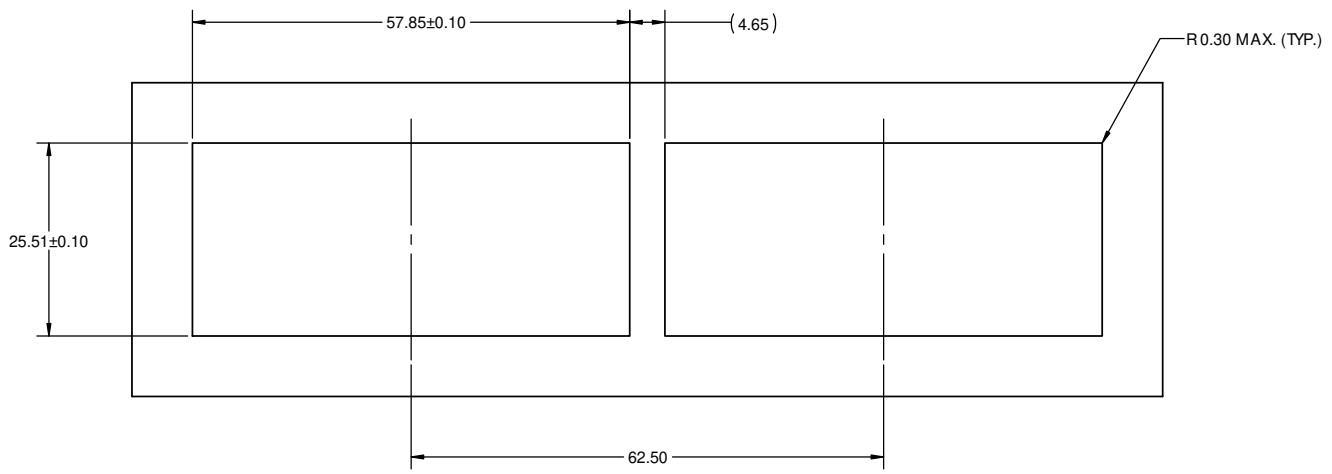
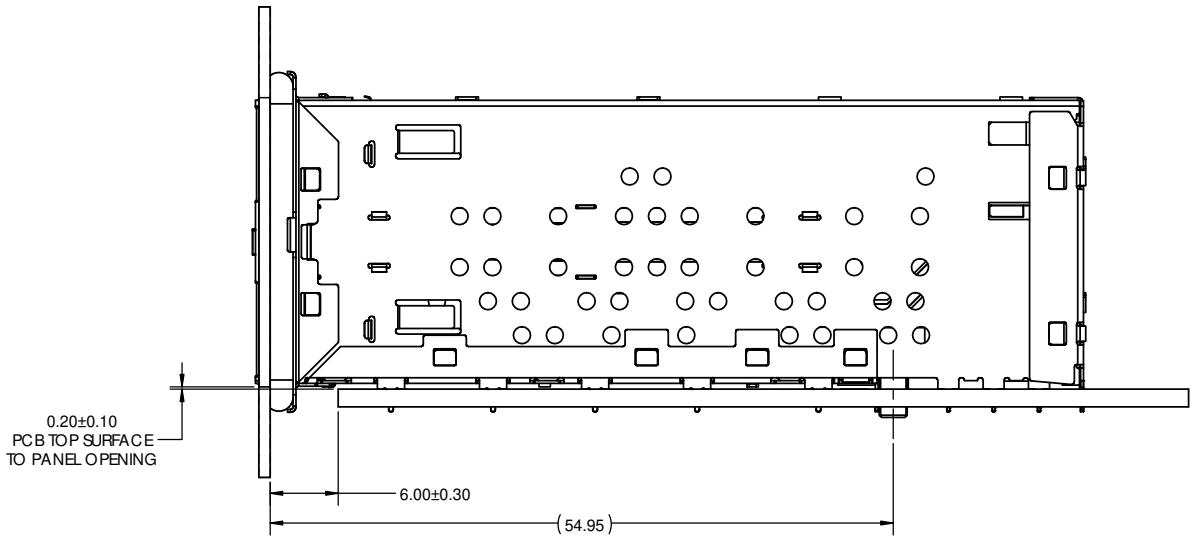
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