

# AMPHENOL PART NUMBER CONFIGURATION

## U 9 0 - B 1 0 5 - X X X 1 - X X 0

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
N	RoHS COMPLIANT PER RoHS DIRECTIVE 2011/65/EU	DEC 3/12	ZLJ
P	REMOVE NON-RoHS & NO EMI COVER OPTIONS	JUN 20/13	ZLJ
R	NEW PART NUMBER ADDED, PART NUMBER CORRECTED	OCT 24/14	KH

### 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

### 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

0 = NO GASKET, NO GASKET SUPPORT  
 1 = CHOMERICS 1273 CONDUCTIVE ELASTOMER; UL RATED 94-V0  
 2 = CHOMERICS S6305 CONDUCTIVE ELASTOMER

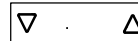
### OPTIONAL LIGHT PIPES

6 = WITH LIGHT PIPE (TRIANGULAR OUTLET)  
 LEFT ARROW POINTING BOTTOM PORT &  
 RIGHT ARROW POINTING TOP PORT (UL RATED 94-V0)  
 7 = WITHOUT LIGHT PIPE  
 8 = WITH LIGHT PIPE (REVERSED DIRECTION)  
 LEFT ARROW POINTING TOP PORT &  
 RIGHT ARROW POINTING BOTTOM PORT (UL RATED 94-V0)

### OPTIONAL DUST COVER

0 = WITHOUT DUST COVER  
 D = WITH DUST COVER

THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE.

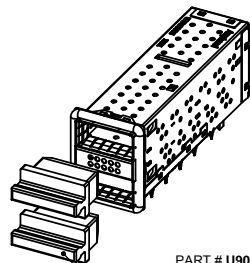


REFERENCE VIEW FOR OPTION 6 ONLY

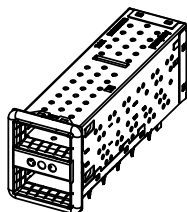


REFERENCE VIEW FOR OPTION 8 ONLY

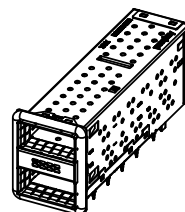
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 (CAGE & CONNECTOR ASSEMBLY,  
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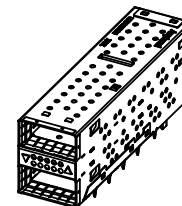
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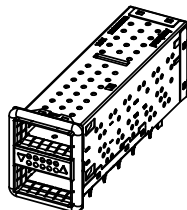
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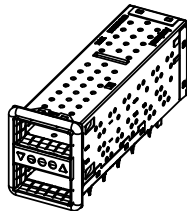
PART # U90-B105-4061-020 SHOWN  
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 WITHOUT DUST COVER AND WITH LIGHT PIPE,  
 NO GASKET AND NO GASKET SUPPORT)



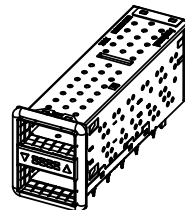
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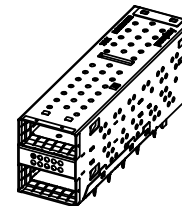
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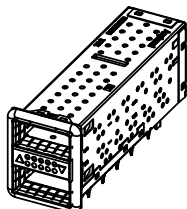
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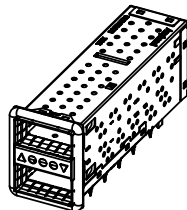
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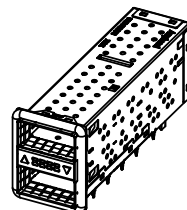
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 (CAGE & CONNECTOR ASSEMBLY,  
 WITHOUT DUST COVER AND WITH LIGHT PIPE)



PART # U90-B105-4081-X00 SHOWN  
 (CAGE & CONNECTOR ASSEMBLY,  
 WITHOUT DUST COVER AND WITH LIGHT PIPE)



PART # U90-B105-4081-X40 SHOWN  
 (CAGE & CONNECTOR ASSEMBLY,  
 WITHOUT DUST COVER AND WITH LIGHT PIPE)



### 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; FOR FLAMMABILITY RATING SEE AMPHENOL PART NUMBER CONFIGURATION  
 EMI FINGERS: PHOSPHOR BRONZE WITH NICKEL PLATING  
 LIGHT PIPE: GE LEXAN, OPTICAL GRADE; UL RATED 94-V0



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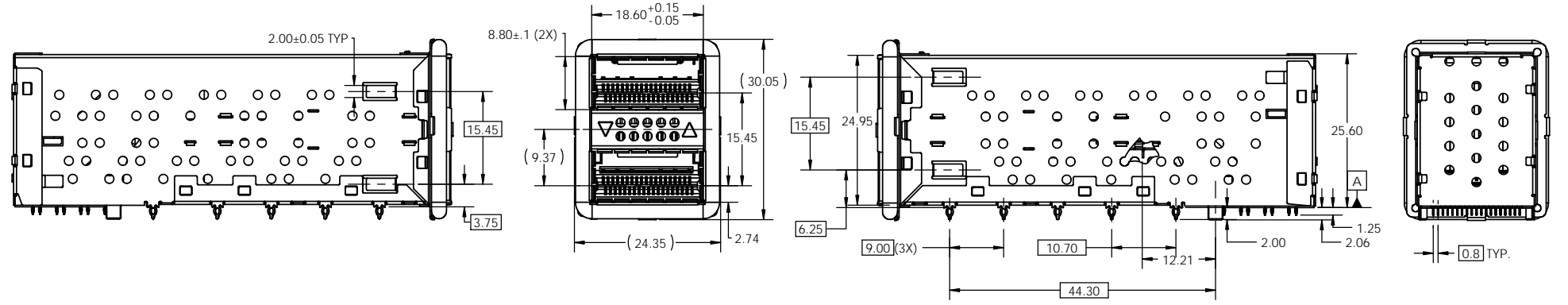
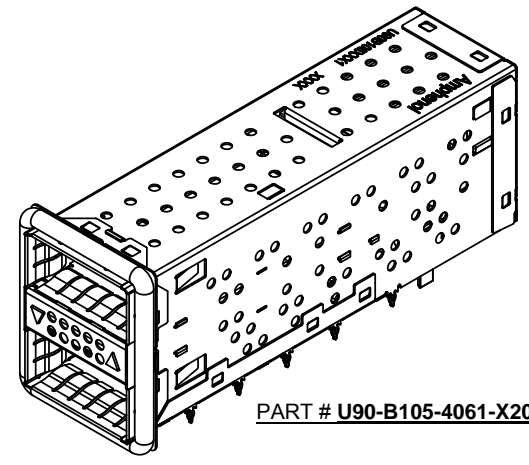
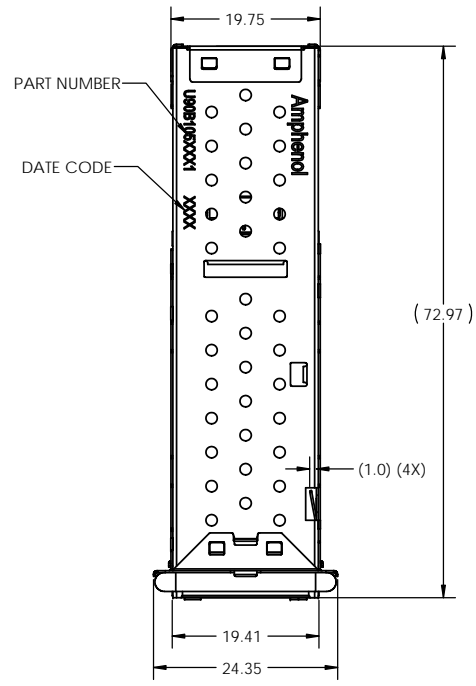
UNLESS SPECIFIED OTHERWISE	DRAWN	Hisen.X	NOV 18,10
PRIMARY UNITS MILLIMETERS	CHECKED	S.M	NOV 19,10
SECONDARY MILLIMETERS	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.	A.G	NOV 20,10
1. DECIMAL PLACE 0.X ±0.25	ENG. REL. NO.		
2. DECIMAL PLACES 0.XX ±0.13	REF.		
3. ANGULAR DEGREES X° ±1°	THIRD ANGLE PROJECTION		
4. ANGULAR DEGREES X.X° ±0.5°	DO NOT SCALE DRAWING		

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**QSFP+ 2X1 STACKED COMBO**

DWG. NO.	<b>P-U90-B105-XXX1-XX0</b>	REV <b>R</b>
CODE ID NO. 03554	DWG SIZE: C	SCALE: 4:1
		SHEET 1 OF 4

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
R	SEE PAGE 1	OCT 24/14	KH



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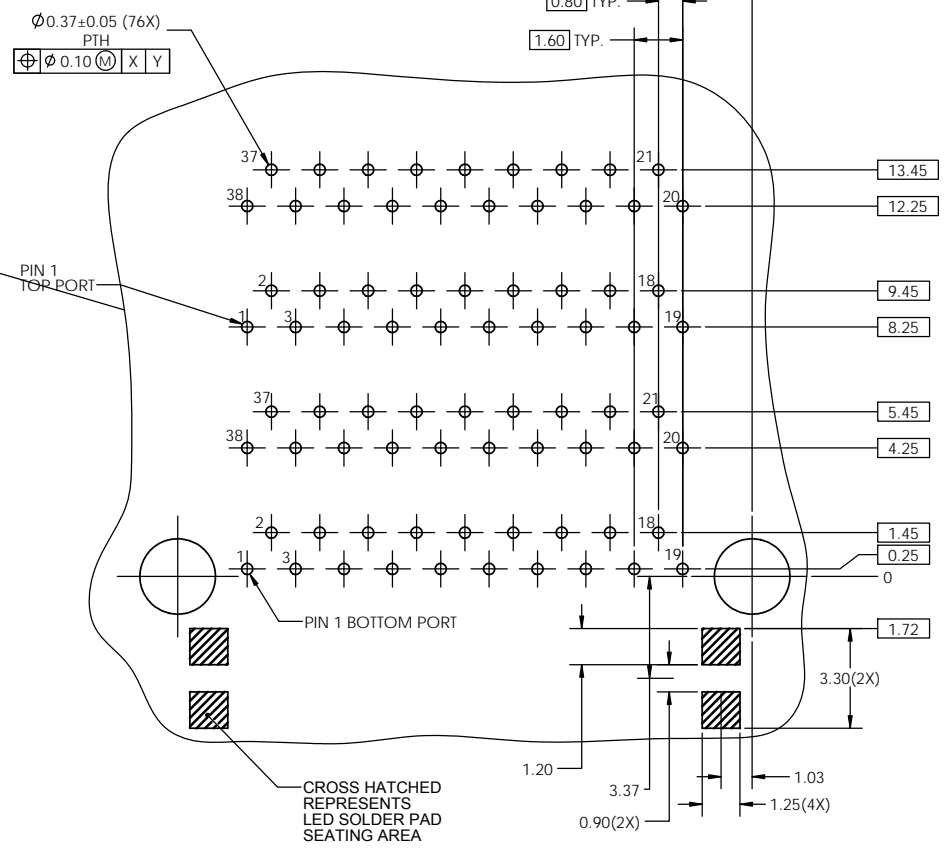
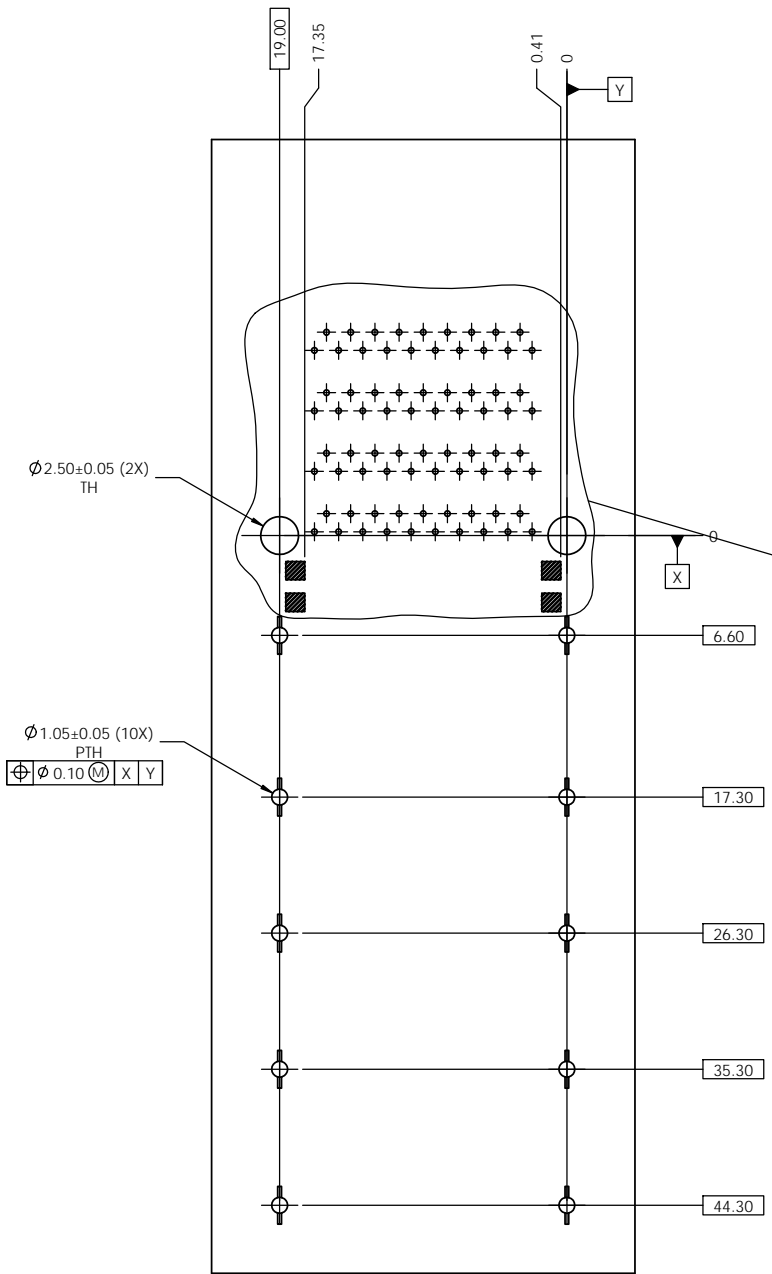
**QSFP+ 2X1 STACKED COMBO**

DWG. NO. **P-U90-B105-XXX1-XX0** REV **R**

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

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DETAIL A  
SCALE 8:1

RECOMMENDED PCB BOARD LAYOUT  
COMPONENT SIDE SHOWN

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	X.X° ± 0.5°		
	THIRD ANGLE PROJECTION		
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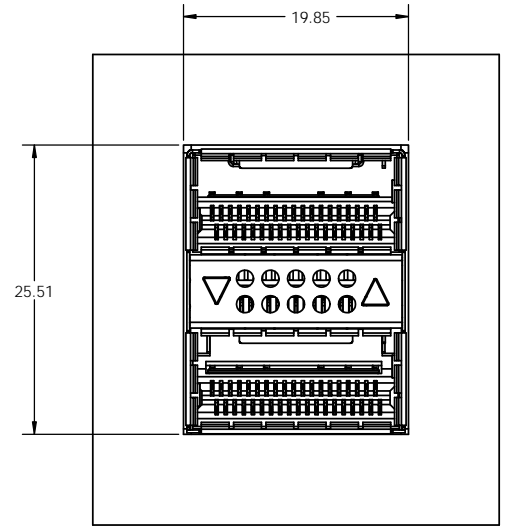
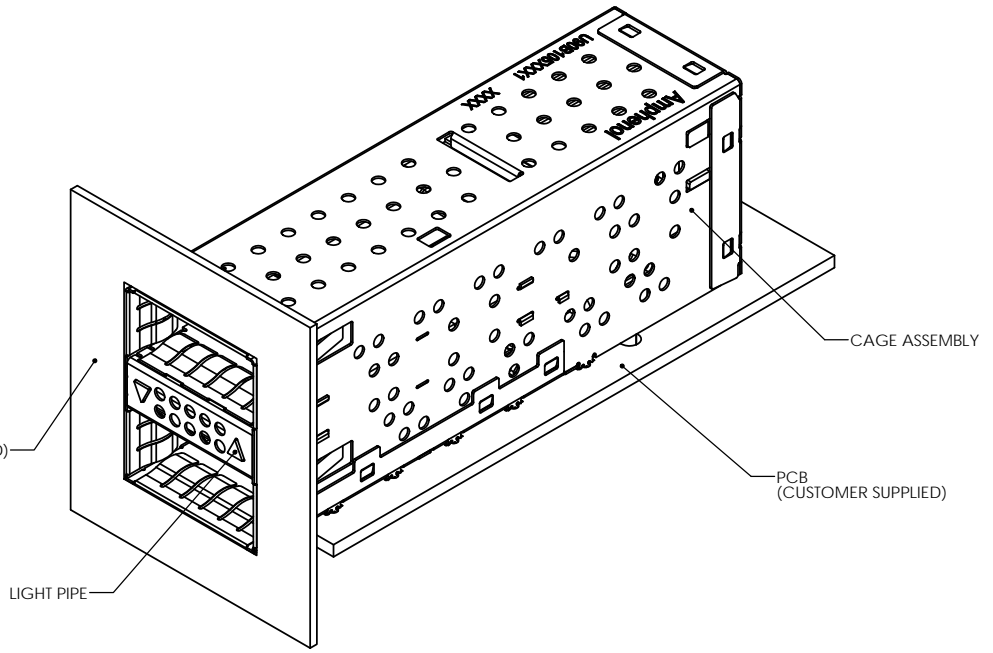
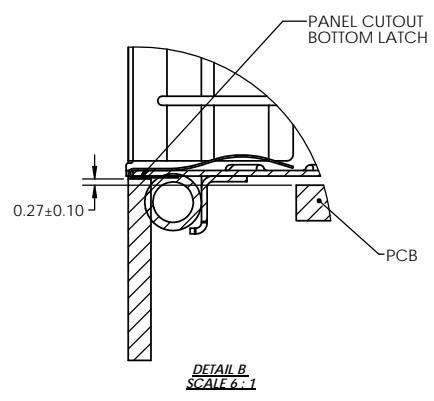
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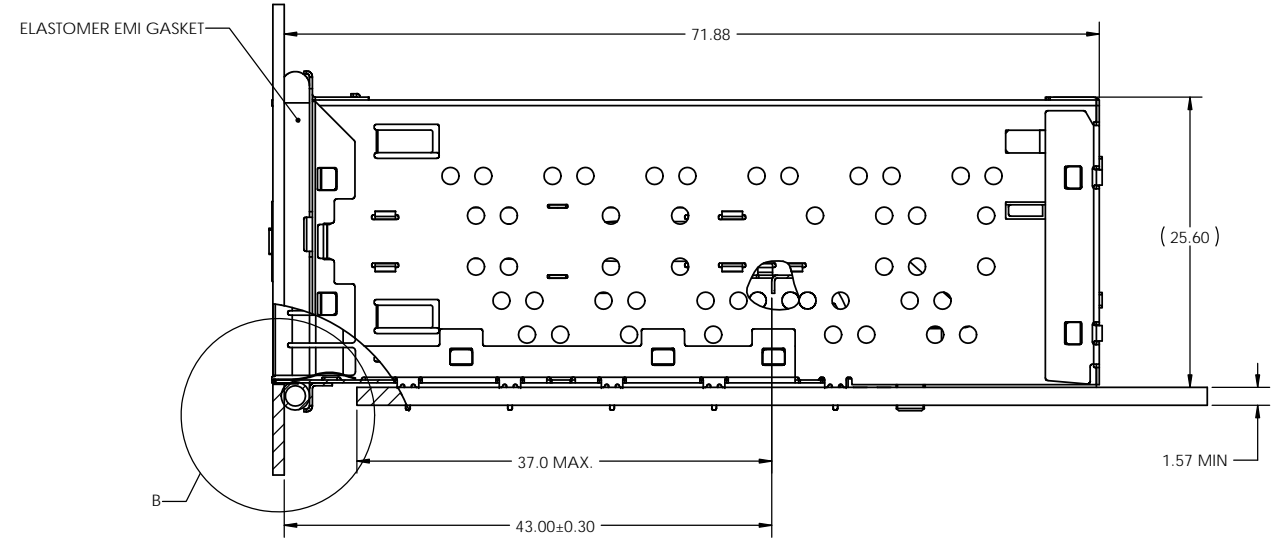
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CODE ID NO. 03554 DWG SIZE: C SCALE: 4:1 SHEET 3 OF 4

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RECOMMENDED PANEL CUTOUT



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