

AMPHENOL PART NUMBER CONFIGURATION

U 9 5 - R 2 Q 5 - 4 X X L - L X 1 - X

CAGE & CONNECTOR CONTACT PLATING

4 = 0.76 µm MIN. GOLD OVER 1.27-3.81 µm OF NICKEL
ON MATING AREA
0.76 µm MIN. 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

OPTIONAL HEAT SINK

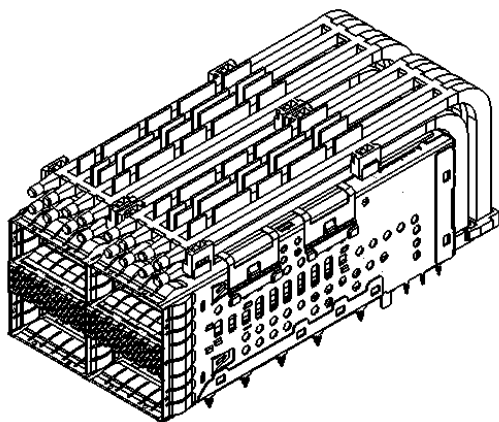
A = HEAT SINK HEIGHT DIM "H"=35.9 mm MAX. (PLUGGED IN)
B = HEAT SINK HEIGHT DIM "H"=29.9 mm MAX. ,DIM "E"=29.1
mm MAX.(PLUGGED IN)
SEE PAGE 2 FOR HEAT SINK HEIGHT .

OPTIONAL VENT HOLE

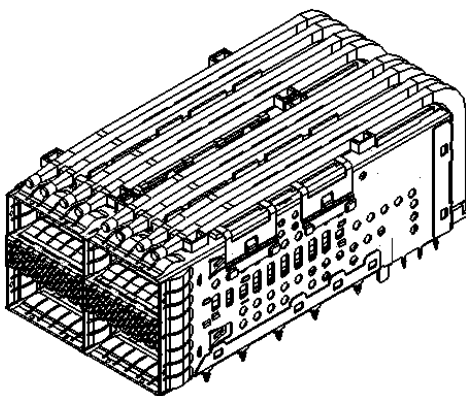
C = RECTANGULAR
H = HEXAGON

OPTIONAL LIGHT PIPES

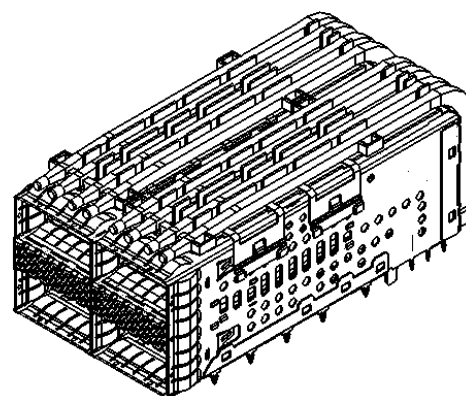
2 = 2 LP ON TOP, OUTER
4 = 4 LP ON TOP
7 = NO LP
8 = 8 LP ON TOP



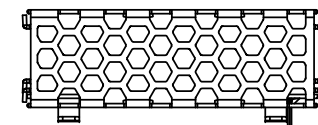
U95-R2Q5-408L-LH1-A



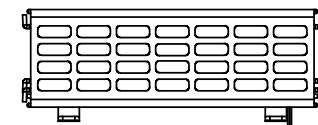
U95-R2Q5-404L-LH1-B



U95-R2Q5-404L-LH1-D



U95-R2Q5-4XXL-LH1-X



U95-R2Q5-4XXL-LC1-X

NOTES:

- MATERIAL
CAGE-PRESS FIT: COPPER ALLOY

CONNECTOR-PRESS FIT: PLASTIC HOUSING, FLAMMABILITY RATING UL94 V-0.

CONTACTS: PHOSPHOR BRONZE
PLATING OPTION: SEE AMPHENOL PART ON CONFIGURATION

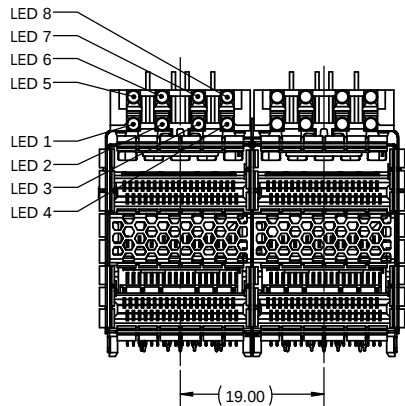
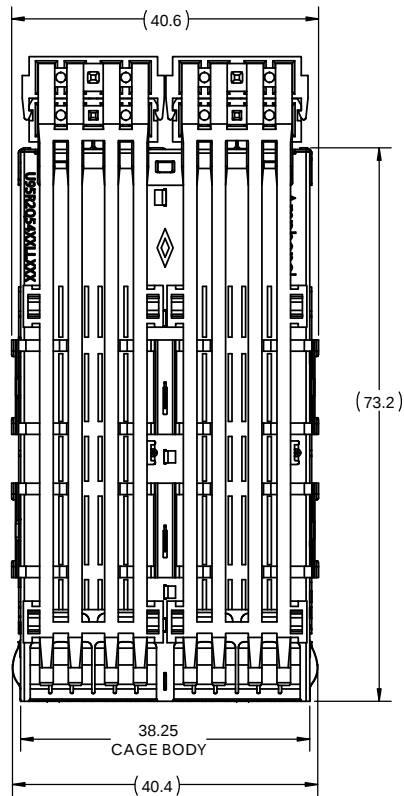
EMI FINGERS: COPPER ALLOY

LIGHT PIPE: GE LEXAN, OPTICAL GRADE

DUST COVER (IF ORDERED) SHIPPED LOOSE

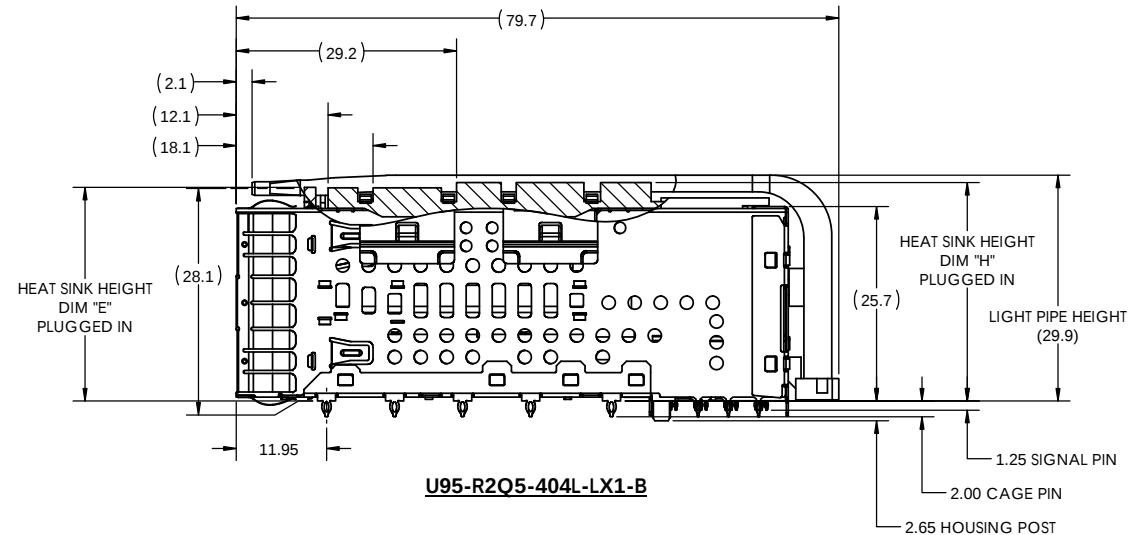
UNLESS SPECIFIED OTHERWISE		DRAWN	Shawn.Li	OCT 23/18
PRIMARY UNITS	MILLIMETERS	CHECKED	Eric.Z	OCT 23/18
SECONDARY	MILLIMETERS	M.E.	APP'D	
REFERENCE IN PARENTHESES		Q.A.	APP'D	
GENERAL TOLERANCES		DWG. APPR.	Jason.S	OCT 23/18
1. DECIMAL PLACE	0.X ±0.25	ENG. REL. NO.		
2. DECIMAL PLACES	0.XX ±0.15	REF.		
3. ANGULAR DEGREES	X° ±1°	THIRD ANGLE PROJECTION		
4. ANGULAR DEGREES	X.X° ±0.5°	DO NOT SCALE DRAWING		

Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com			
UltraPort QSFP+ 2X2, THRU THERMAL ENHANCE (WITH MIDDLE HEAT SINK) WITH OPTIONAL LIGHT PIPE ON TOP WITH OPTIONAL HEAT SINK ON TOP			
DWG. NO.	P-U95-R2Q5-4XXL-LX1-X		
CODE ID NO.	03554	DWG SIZE: X	SCALE: 2:1 SHEET 1 OF 4

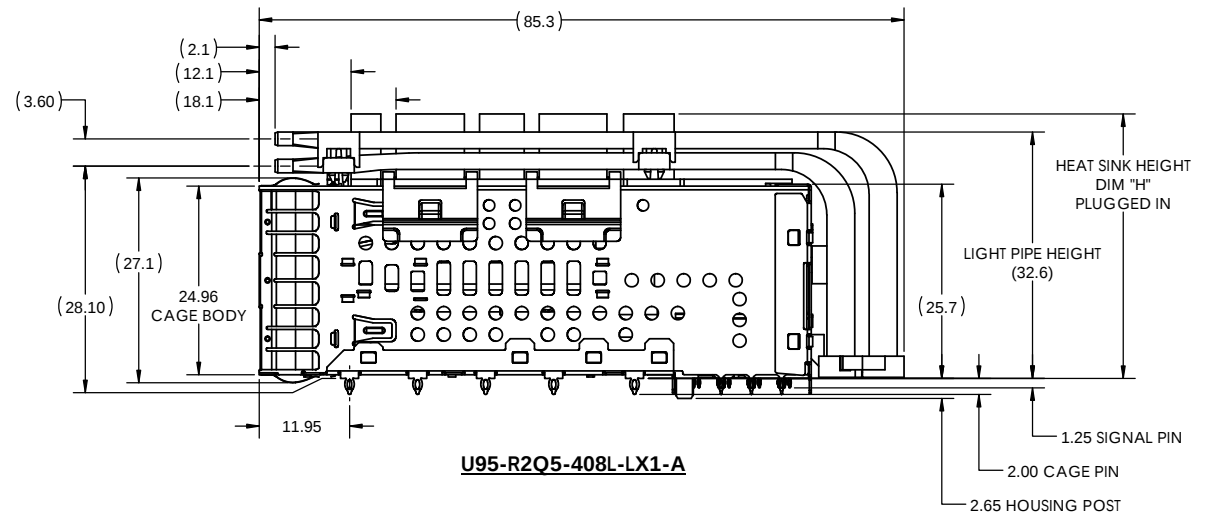


PART NUMBER	HEAT SINK HEIGHT	
	DIM "H"(mm)	DIM "E"(mm)
U95-R2Q5-404L-LX1-B	29.9	29.1
U95-R2Q5-404L-LX1-A	35.9	~
U95-R2Q5-404L-LX1-D	31.8	~

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	NEW PROPOSAL	OCT 23/18	JS
B	ADD NEW OPTION	APR 28/19	JS



U95-R2Q5-404L-LX1-B

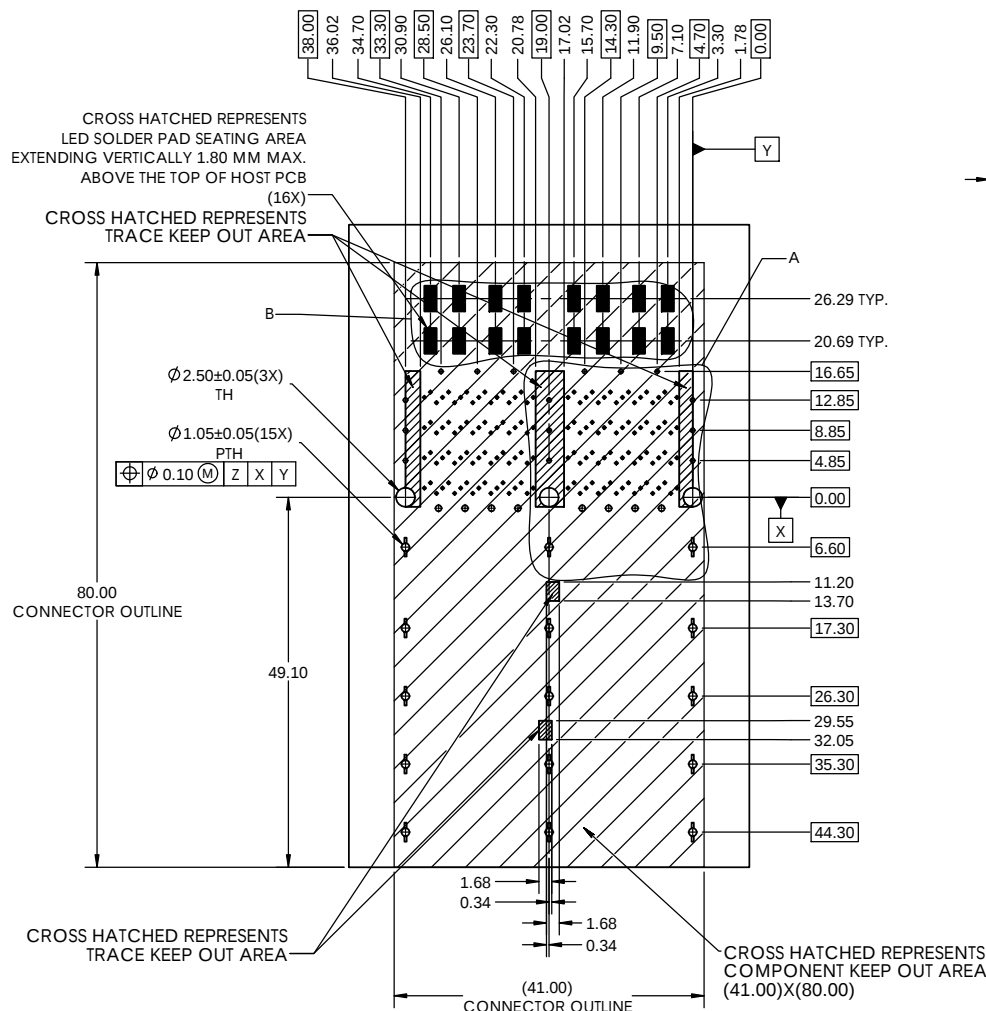


U95-R2Q5-408L-LX1-A

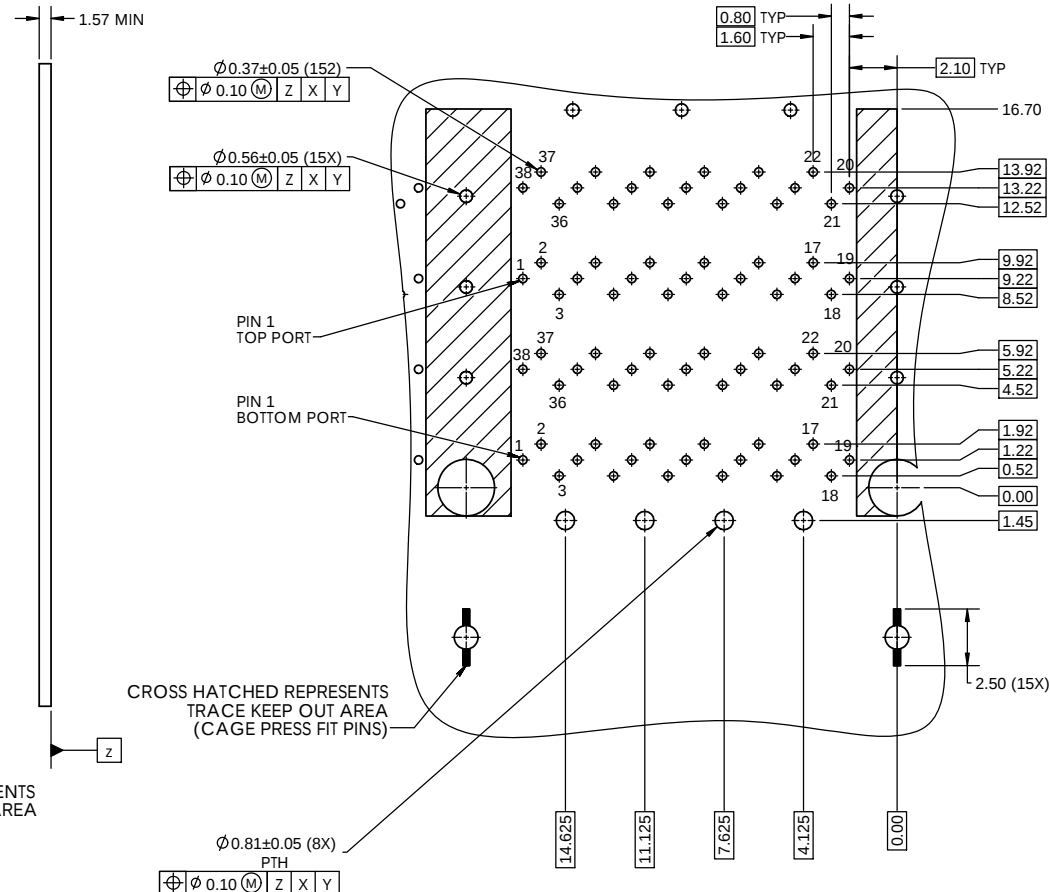
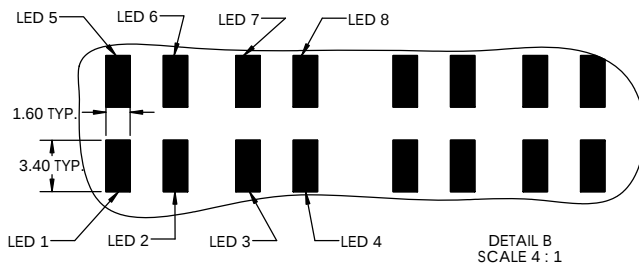
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PRIMARY UNITS	MILLIMETERS	CHECKED	Eric.Z	OCT 23/18
SECONDARY	MILLIMETERS	M.E. APP'D		
REFERENCE IN PARENTHESES		Q.A. APP'D		
GENERAL TOLERANCES		DWG. APPR.	Jason.S	OCT 23/18
1. DECIMAL PLACE	0.X±0.25	ENG. REL. NO.		
2. DECIMAL PLACES	0.XX±0.15	REF.		
3. ANGULAR DEGREES	X°±1°	THIRD ANGLE PROJECTION		
4. ANGULAR DEGREES	X.X°±0.5°	DO NOT SCALE DRAWING		

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DWG. NO.	P-U95-R2Q5-4XXL-LX1-X		
CODE ID NO.	03554	DWG SIZE:	X
SCALE:	1:1	SHEET	2 OF 4
REV	B		

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RECOMMENDED PCB BOARD LAYOUT
COMPONENT SIDE SHOWN

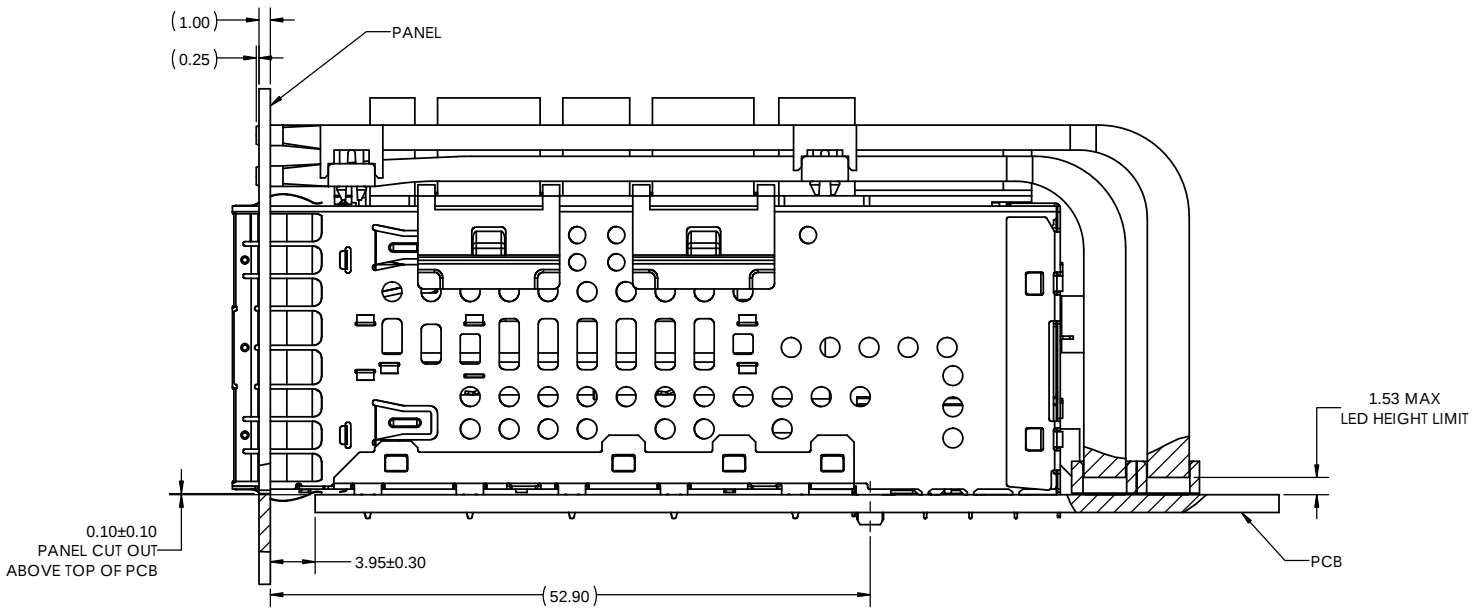
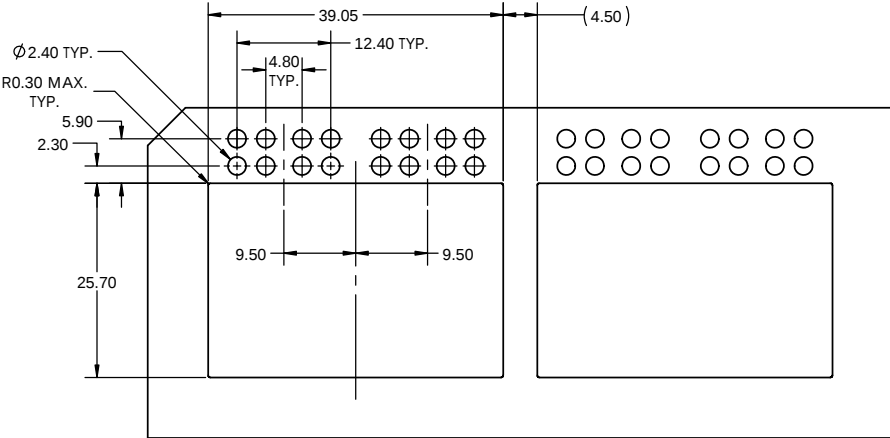


DETAIL A
SCALE 6 : 1

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REFERENCE IN PARENTHESES		Q.A. APP'D		
GENERAL TOLERANCES		DWG. APPR.	Jason.S	OCT 23/18
1. DECIMAL PLACE	0.X ±0.25	ENG. REL. NO.		
2. DECIMAL PLACES	0.XX ±0.05	REF.		
3. ANGULAR DEGREES	X° ±1°	THIRD ANGLE PROJECTION		
4. ANGULAR DEGREES	X.X° ±0.5°	DO NOT SCALE DRAWING		

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DWG. NO.	P-U95-R2Q5-4XXL-LX1-X		
CODE ID NO.	03554	DWG SIZE:	X
SCALE:	2:1	SHEET	3 OF 4
REV	B		

REVISIONS			
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GENERAL TOLERANCES		DWG. APPR.	Jason.S	OCT 23/18
1. DECIMAL PLACE	0.X±0.25	ENG. REL. NO.		
2. DECIMAL PLACES	0.XX±0.10	REF.		
3. ANGULAR DEGREES	X°±1°	THIRD ANGLE PROJECTION		
4. ANGULAR DEGREES	X.X°±0.5°			

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DWG. NO.	P-U95-R2Q5-4XXL-LX1-X		REV B
CODE ID NO.	03554	DWG SIZE: X	SCALE: 1:1 SHEET 4 OF 4

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