

AMPHENOL PART NUMBER CONFIGURATION

U 9 5 - Z 1 0 5 - X X X 1 - X X 1

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

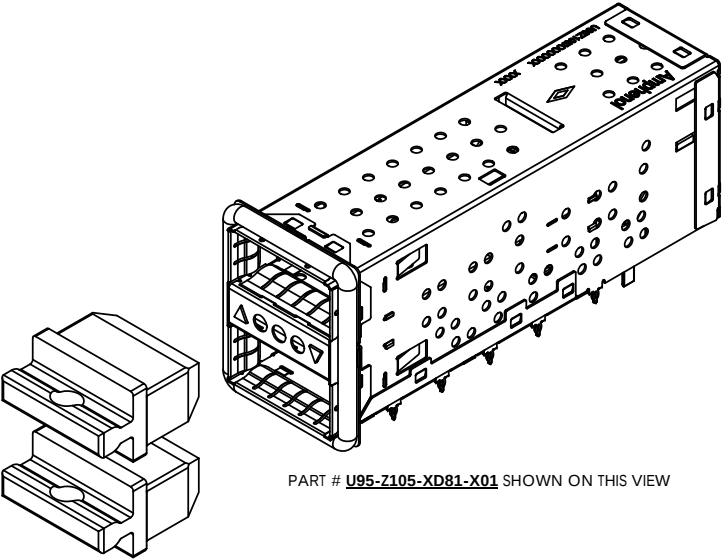
0 = WITH LARGE VENT HOLES & WITH EMI COVER
2 = WITH SMALL VENT HOLES & WITH EMI COVER
4 = WITH RECTANGULAR VENT HOLES & WITH EMI COVER

EMI GASKET

1 = CHOMERICS 1273 CONDUCTIVE ELASTOMER
2 = CHOMERICS S6305 CONDUCTIVE ELASTOMER

OPTIONAL LIGHT PIPES

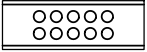
6 = WITH LIGHT PIPE (TRIANGULAR OUTLET)
LEFT ARROW POINTING BOTTOM PORT &
RIGHT ARROW POINTING TOP PORT
7 = WITHOUT LIGHT PIPE
8 = WITH LIGHT PIPE (REVERSED DIRECTION)
LEFT ARROW POINTING TOP PORT &
RIGHT ARROW POINTING BOTTOM PORT



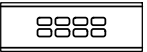
PART # U95-Z105-XD81-X01 SHOWN ON THIS VIEW



VENT HOLE FOR PART NUMBER
U95-Z105-XX71-X01



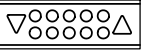
VENT HOLE FOR PART NUMBER
U95-Z105-XX71-X21



VENT HOLE FOR PART NUMBER
U95-Z105-XX71-X41



VENT HOLE FOR PART NUMBER
U95-Z105-XX61-X01



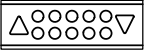
VENT HOLE FOR PART NUMBER
U95-Z105-XX61-X21



VENT HOLE FOR PART NUMBER
U95-Z105-XX61-X41



VENT HOLE FOR PART NUMBER
U95-Z105-XX81-X01



VENT HOLE FOR PART NUMBER
U95-Z105-XX81-X21



VENT HOLE FOR PART NUMBER
U95-Z105-XX81-X41

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
LIGHT PIPE: GE LEXAN, OPTICAL GRADE

UNLESS SPECIFIED OTHERWISE		DRAWN	ALVIN C.	APR.18/13
PRIMARY UNITS	MILLIMETERS	CHECKED	ZLATAN L.	APR.18/13
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		DO NOT SCALE DRAWING
4. ANGULAR DEGREES	X.X° ±0.5°			

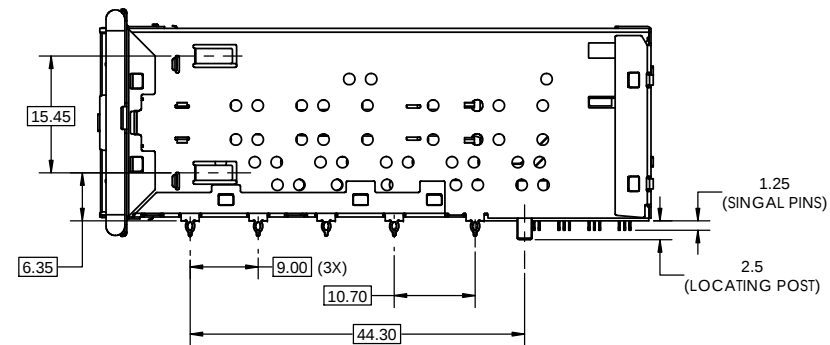
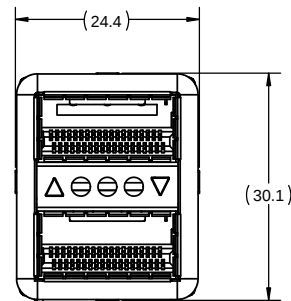
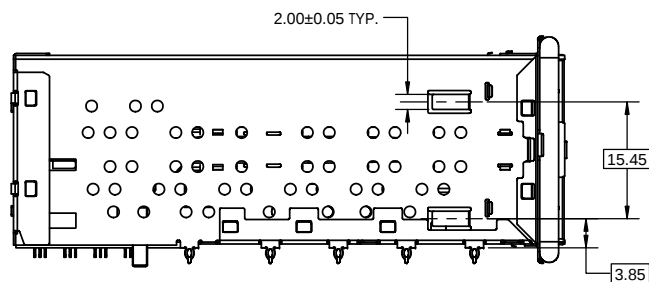
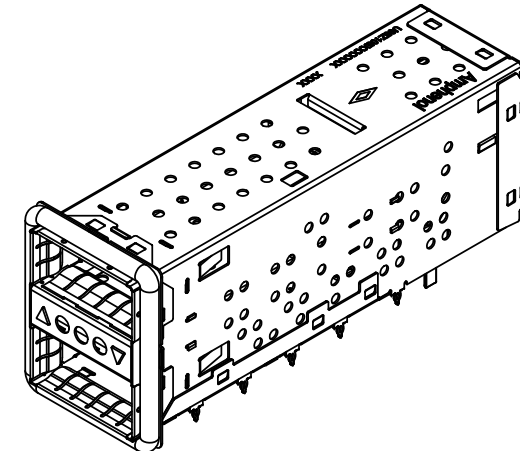
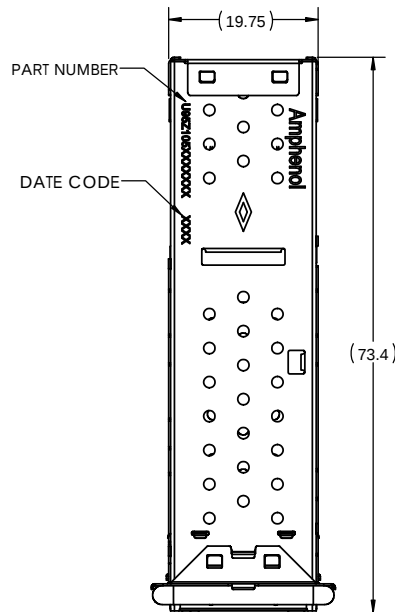
Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

QSFP+ 2X1 STACKED COMBO
CONDUCTIVE ELASTOMERIC GASKET
4X25

P-U95-Z105-XXX1-XX1

REV
B

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	SEE PAGE 1	JUN 7/13	ZLJ

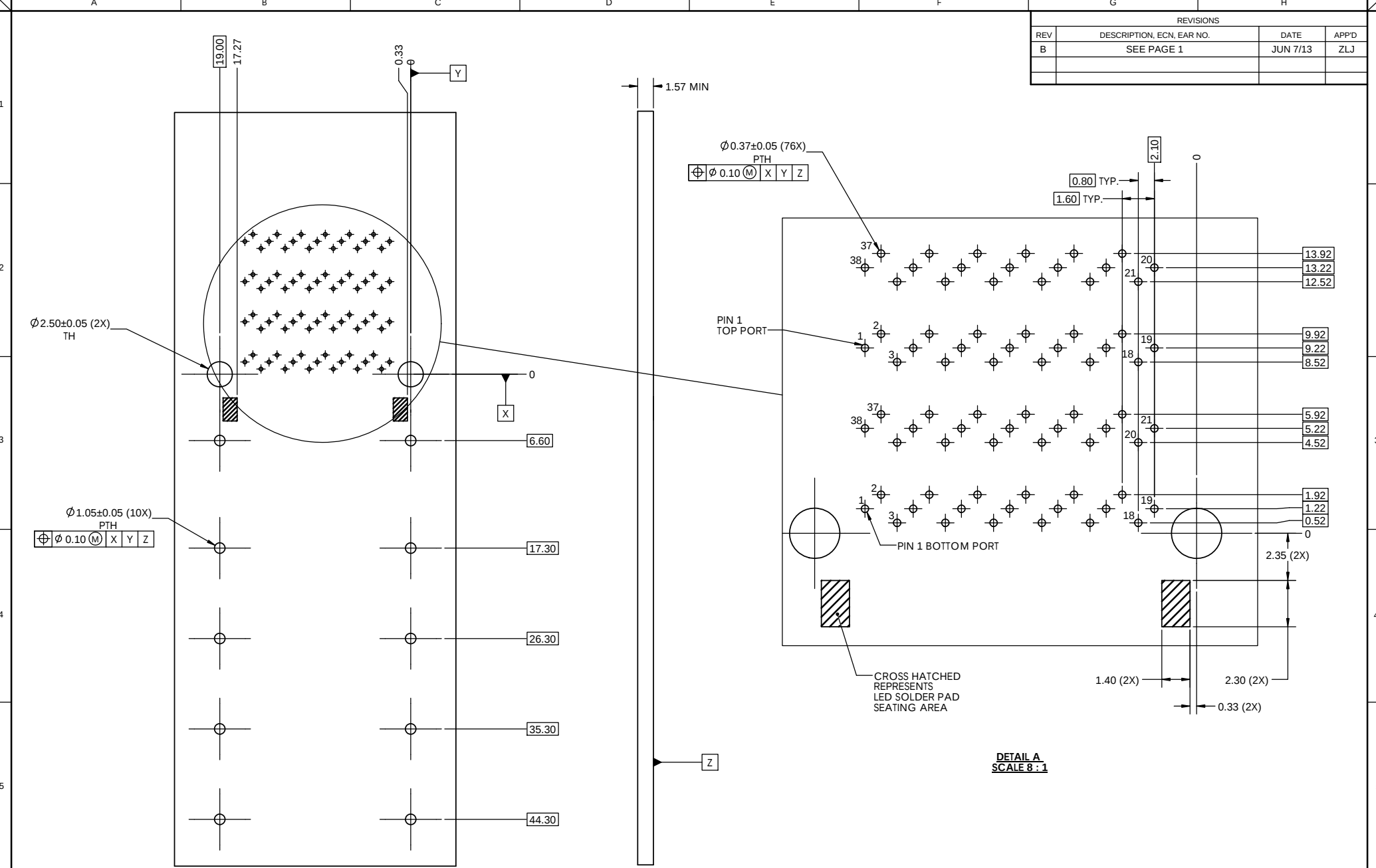


PART: # U95-Z105-X081-X11 SHOWN ON THIS SHEET

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE		DRAWN		ALVIN C.		APR.18/13		Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com					
PRIMARY UNITS		MILLIMETERS		CHECKED		ZLATAN L.							APR.18/13
SECONDARY		MILLIMETERS		M.E. APP'D				QSFP+ 2X1 STACKED COMBO CONDUCTIVE ELASTOMERIC GASKET 4X25					
REFERENCE IN PARENTHESES				Q.A. APP'D									
GENERAL TOLERANCES				DWG APPR.									
1. DECIMAL PLACE		0.X ±0.25		ENG. REL. NO.				DWG. NO.		P-U95-Z105-XXX1-XX1		REV B	
2. DECIMAL PLACES		0.XX ±0.15		REF.									
3. ANGULAR DEGREES		X° ±1°		THIRD ANGLE PROJECTION				DO NOT SCALE DRAWING		CODE ID NO.		03554	
4. ANGULAR DEGREES		X.X° ±0.5°								DWG. SIZE: X		SCALE: 2:1	
												SHEET 2 OF 4	

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	SEE PAGE 1	JUN 7/13	ZLJ



RECOMMENDED PCB BOARD LAYOUT
COMPONENT SIDE SHOWN

UNLESS SPECIFIED OTHERWISE		DRAWN	ALVIN C.	APR.18/13
PRIMARY UNITS	MILLIMETERS	CHECKED	ZLATAN L.	APR.18/13
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* $\pm 1^\circ$	THIRD ANGLE PROJECTION		
4. ANGULAR DEGREES	X.X* $\pm 0.5^\circ$	DO NOT SCALE DRAWING		

Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

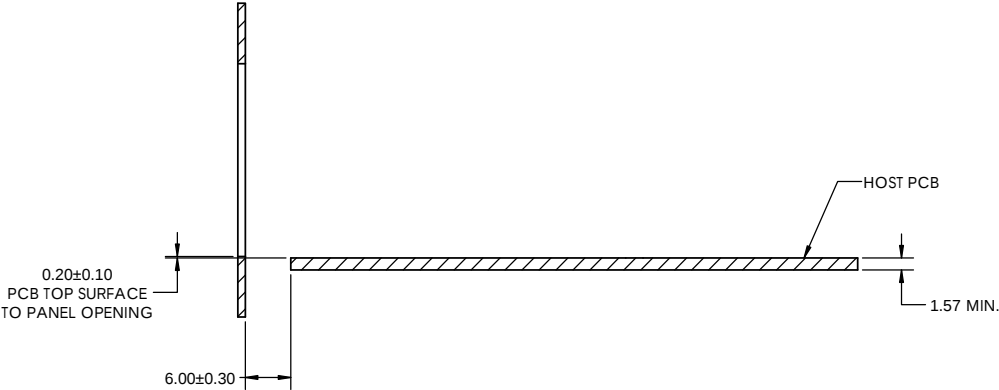
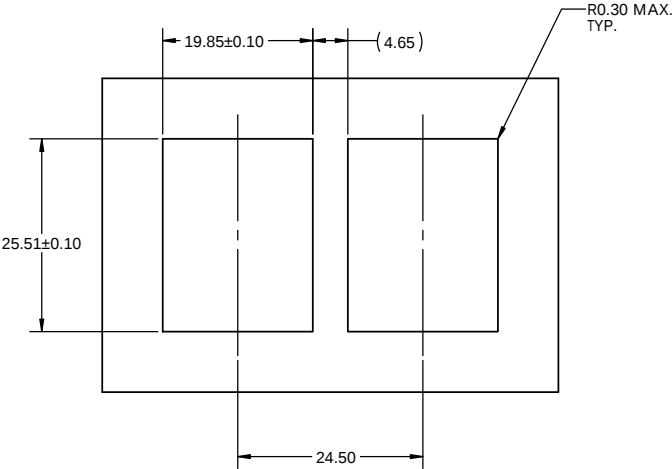
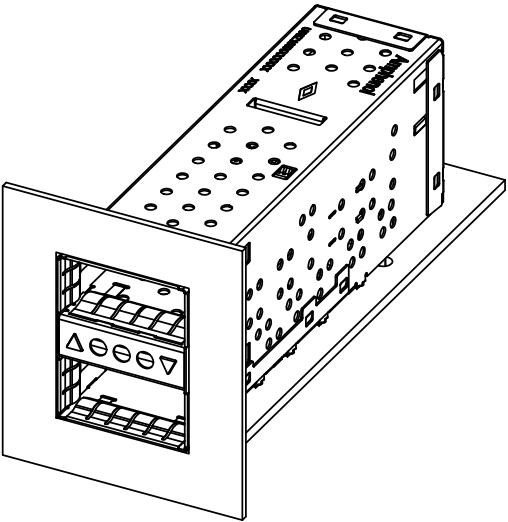
**QSFP+ 2X1 STACKED COMBO
CONDUCTIVE ELASTOMERIC GASKET
4X25**

P-U95-Z105-XXX1-XX1

REV
B

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

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
B	SEE PAGE 1	JUN 7/13	ZLJ



THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

UNLESS SPECIFIED OTHERWISE	DRAWN	ALVIN C.	APR.18/13
PRIMARY UNITS MILLIMETERS	CHECKED	ZLATAN L.	APR.18/13
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		

Amphenol High Speed Interconnects
A Division of Amphenol Corp. www.amphenol-highspeed.com

**QSFP+ 2X1 STACKED COMBO
CONDUCTIVE ELASTOMERIC GASKET
4X25**

DWG. NO.	P-U95-Z105-XXX1-XX1	REV	B
CODE ID NO.	03554	DWG SIZE:	X
SCALE:	2:1	SHEET	4 OF 4