

AMPHENOL PART NUMBER CONFIGURATION
UE36 - C1660 X -05 XX X

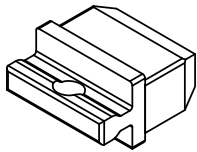
VENTING OPTION
0 = STANDARD

PACKAGING OPTION

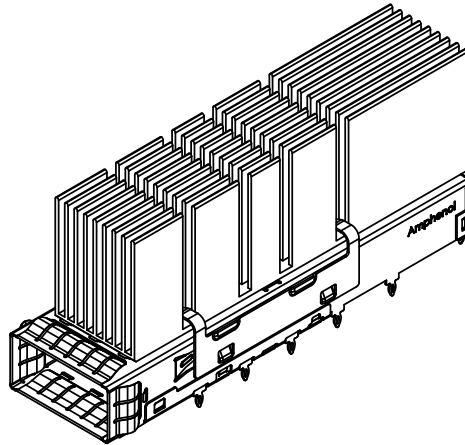
1= TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED LOOSE)
A= TRAY PACKAGING(HEAT SINK AND CLIP SHIPPED ASSEMBLED)
2= BASED ON "A", WITH DUST COVER

HEAT SINK OPTION

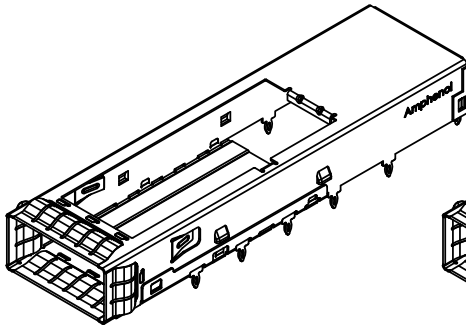
00= NO HEAT SINK
01= NO HEAT SINK, WITH CLIP
A2= WITH FIN PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT, FRONT-BACK AIR FLOW)
A3= WITH FIN PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT, FRONT-BACK AIR FLOW)
A4= WITH FIN PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT, FRONT-BACK AIR FLOW)
A5= WITH FIN PIN STYLE HEAT SINK(H=4.5MM; SPECIAL HEIGHT)
A6= WITH FIN PIN STYLE HEAT SINK(H=21.5MM; SPECIAL HEIGHT)
B2= WITH SQUARE PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT)
B3= WITH SQUARE PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT)
B4= WITH SQUARE PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT)
B1= WITH SQUARE PIN STYLE HEAT SINK(H=9.5MM; SPECIAL HEIGHT)
C2= WITH FIN PIN STYLE HEAT SINK(H=4.2MM; PCI HEIGHT, SIDE TO SIDE AIR FLOW)
C3= WITH FIN PIN STYLE HEAT SINK(H=6.5MM; SAN HEIGHT, SIDE TO SIDE AIR FLOW)
C4= WITH FIN PIN STYLE HEAT SINK(H=13.5MM; TALL HEIGHT, SIDE TO SIDE AIR FLOW)
D6= WITH FIN PIN STYLE HEAT SINK(H=21.5MM; SPECIAL HEIGHT;TOTAL 9FINS)
M1= WITH FIN PIN STYLE HEAT SINK(H=16.2MM; SPECIAL HEIGHT;TOTAL 10FINS)
11= WITH FIN PIN STYLE HEAT SINK(H=10.4MM; SPECIAL HEIGHT;TOTAL 9FINS)



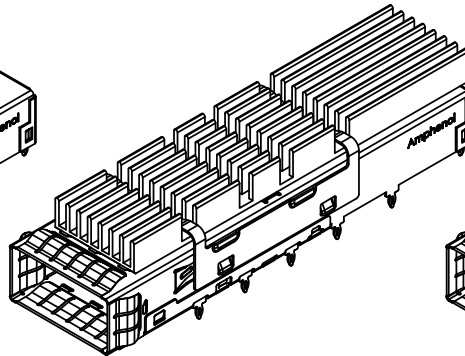
CONDUCTIVE DUST COVER
SHOWN (OPTIONAL)
SHIPPED LOOSE
P/N U90-1401-8000-BP



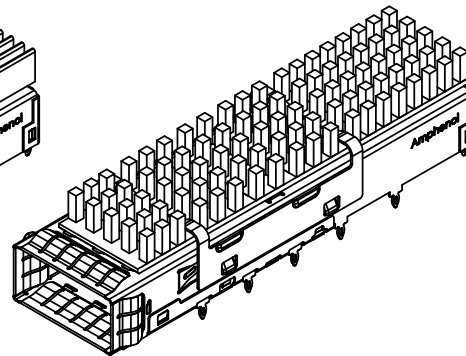
PN: UE36-C16600-05D6A
SHOWN



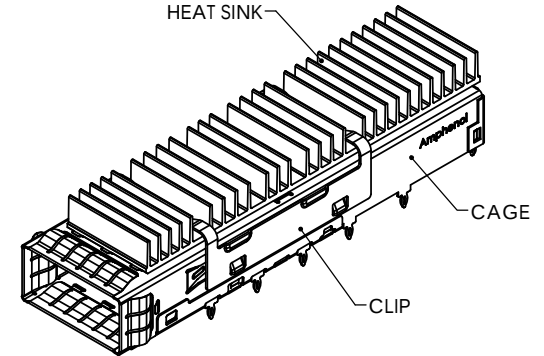
PN: UE36-C16600-05001
SHOWN



PN: UE36-C1660X-05AXX
SHOWN



PN: UE36-C1660X-05BXX
SHOWN



PN: UE36-C1660X-05CXX
SHOWN

NOTES:

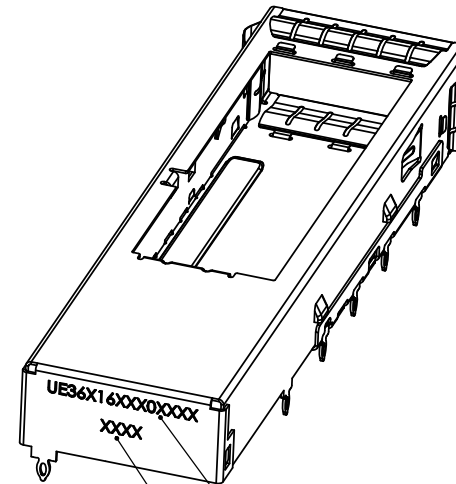
- MATERIAL:**
CAGE AND EMI SPRINGS: STAINLESS STEEL
HEAT SINK: NICKEL PLATED ALUMINUM ALLOY
HEAT SINK CLIP: STAINLESS STEEL



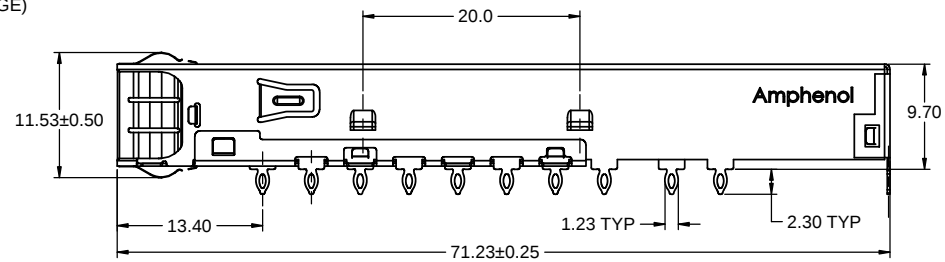
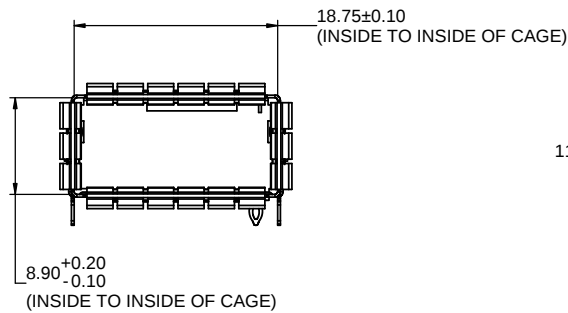
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UNLESS SPECIFIED OTHERWISE		DRAWN	Brook.Z	SEP.21, 20
UNIT		CHECKED	Chigow X	SEP.21, 20
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
GENERAL TOLERANCES		DWG APP'D	Arkady Z	SEP.21, 20
1 DECIMAL PLACE	±0.25	ENG. REL. NO.		
2 DECIMAL PLACES	±0.15	REF.		
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X1 CAGE ASSEMBLY ONE REAR PIN WITH HEAT SINK OPTION			
DWG. NO. P-UE36-C16600-05XXX			REV A
CODE ID NO.	03554	DWG SIZE: C	SCALE: 1:1 SHEET 1 OF 8

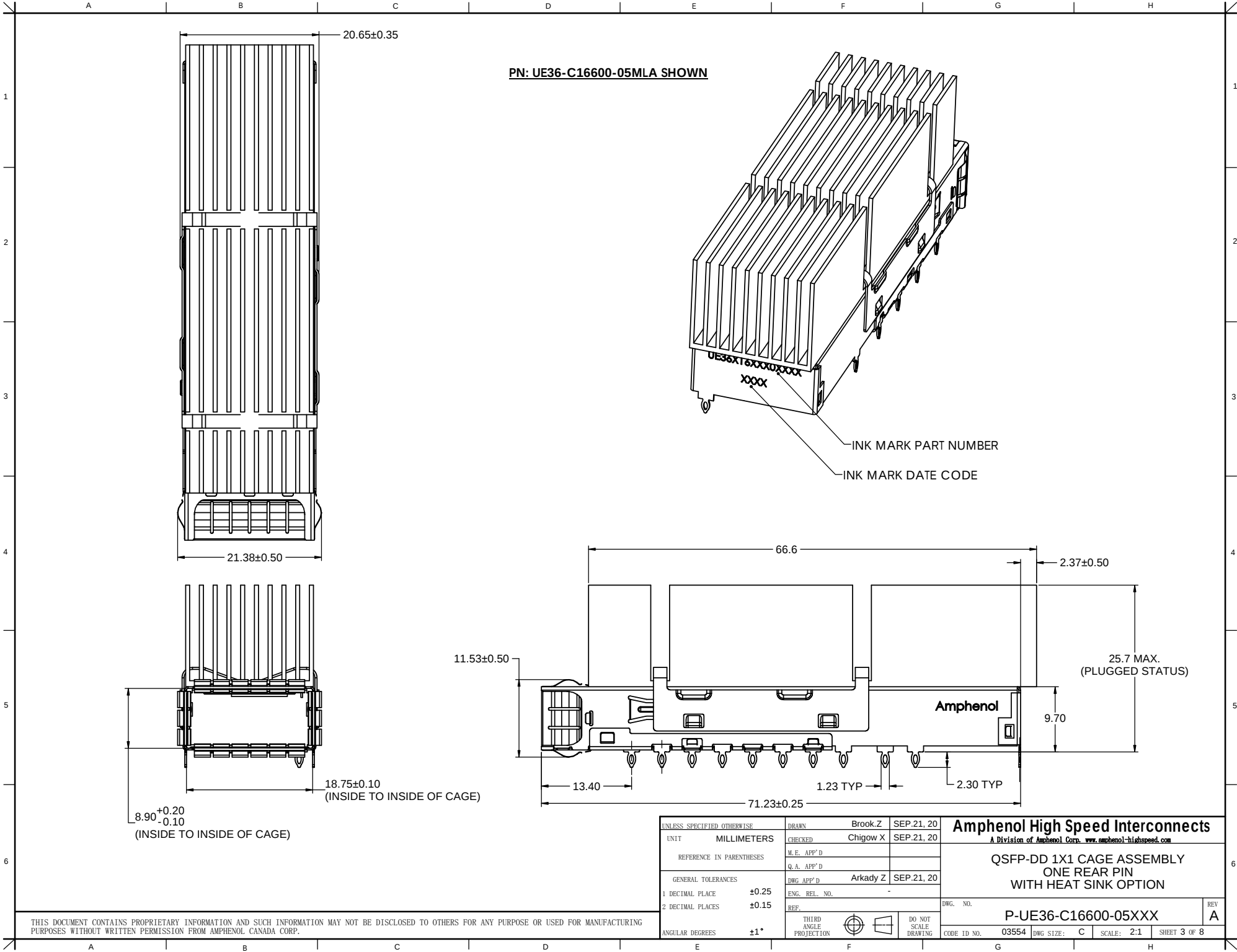


INK MARK DATE CODE



UNLESS SPECIFIED OTHERWISE		DRAWN	Brook.Z	SEP 21, 20	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com				
UNIT	MILLIMETERS	CHECKED	Chigow X	SEP 21, 20					
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY ONE REAR PIN WITH HEAT SINK OPTION				
GENERAL TOLERANCES		Q.A. APP'D							
		DWG APP'D	Arkady Z	SEP 21, 20					
1 DECIMAL PLACE	±0.25	ENG. REL. NO.			DWG. NO.			REV	
2 DECIMAL PLACES	±0.15	REF.			P-UE36-C16600-05XXX			A	
ANGULAR DEGREES	±1°	THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	CODE ID NO.	03554	DWG SIZE: C	SCALE: 2:1	SHEET 2 OF 8

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PN: UE36-C16600-05MLA SHOWN

INK MARK PART NUMBER

INK MARK DATE CODE

Amphenol High Speed Interconnects

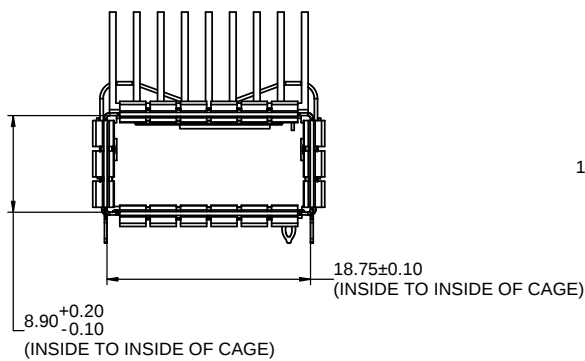
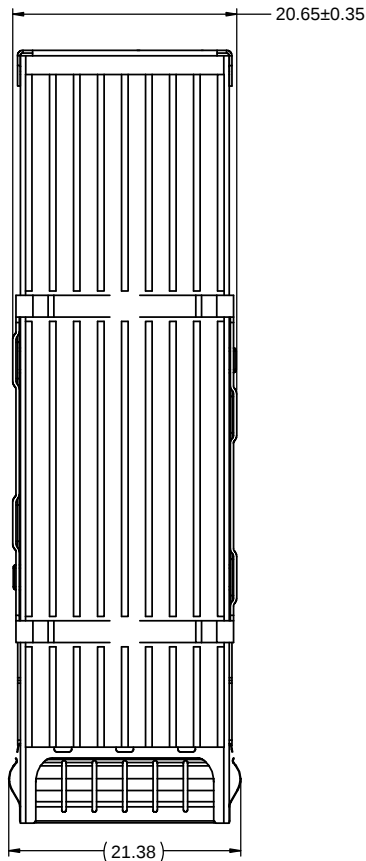
A Division of Amphenol Corp. www.amphenol-highspeed.com

QSFP-DD 1X1 CAGE ASSEMBLY
ONE REAR PIN
WITH HEAT SINK OPTION

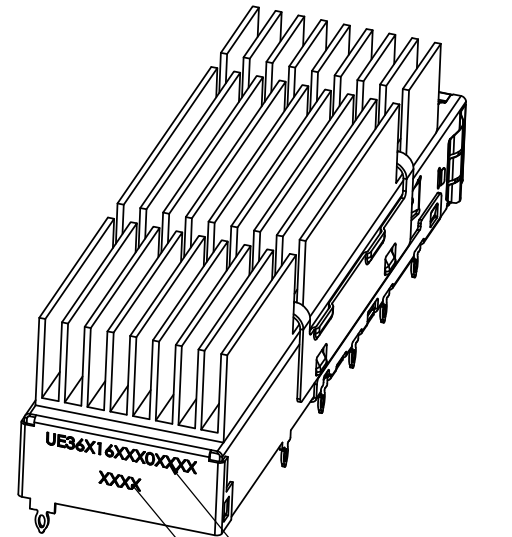
P-UE36-C16600-05XXX

REV
A

UNLESS SPECIFIED OTHERWISE		DRAWN	Brook.Z	SEP.21, 20
UNIT		CHECKED	Chigow X	SEP.21, 20
REFERENCE IN PARENTHESES		M.E. APP'D		
		Q.A. APP'D		
GENERAL TOLERANCES		DWG APP'D	Arkady Z	SEP.21, 20
1 DECIMAL PLACE		ENG. REL. NO.	-	
2 DECIMAL PLACES		REF.		
ANGULAR DEGREES		THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

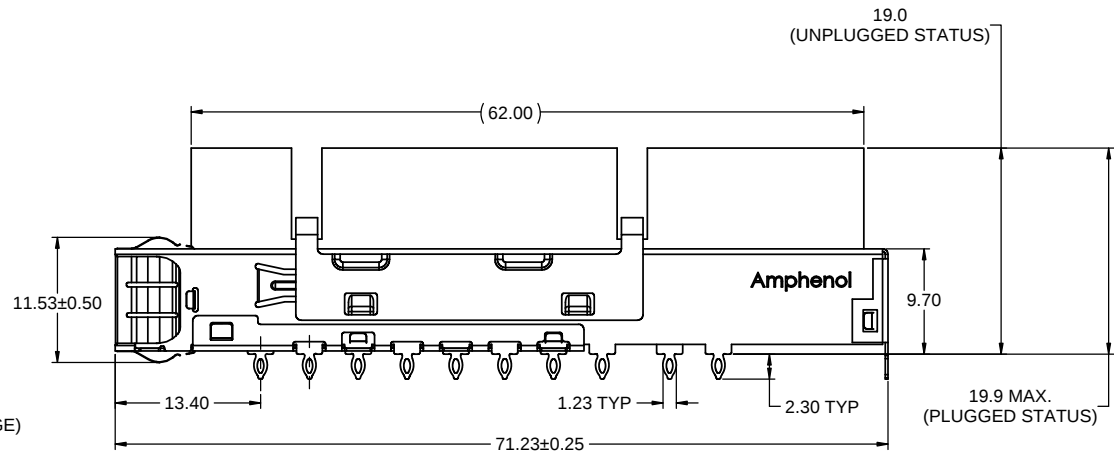


PN: UE36-C16600-0511A SHOWN



INK MARK PART NUMBER

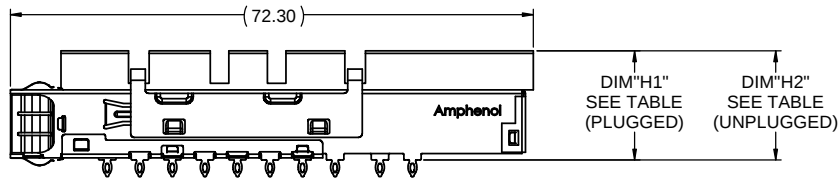
INK MARK DATE CODE



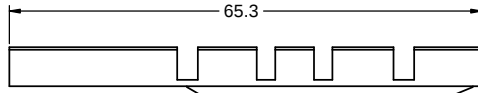
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UNLESS SPECIFIED OTHERWISE		DRAWN	Brook.Z	SEP.21, 20
UNIT		CHECKED	Chigow X	SEP.21, 20
REFERENCE IN PARENTHESES		M.E. APP'D		
GENERAL TOLERANCES		Q.A. APP'D		
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	SEP.21, 20
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-	
ANGULAR DEGREES	±1°	REF.		
		THIRD ANGLE PROJECTION		
		DO NOT SCALE DRAWING		

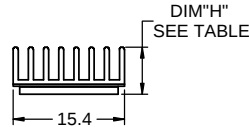
Amphenol High Speed Interconnects			
A Division of Amphenol Corp. www.amphenol-highspeed.com			
QSFP-DD 1X1 CAGE ASSEMBLY ONE REAR PIN WITH HEAT SINK OPTION			
DWG. NO.	P-UE36-C16600-05XXX		
CODE ID NO.	03554	DWG SIZE:	C
SCALE:	2:1	SHEET	4 OF 8
REV	A		



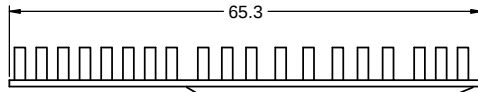
PN: UE36-B1620X-06XXX SHOWN
WITH HEAT SINK VIEW
OTHER DIMENSIONS SEE PAGE 2.



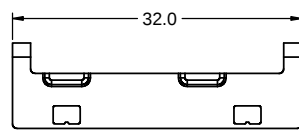
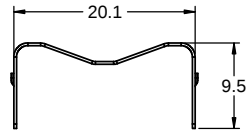
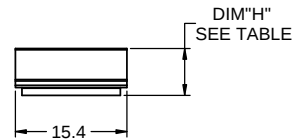
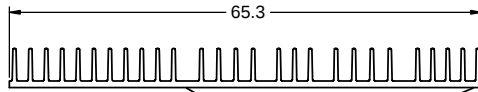
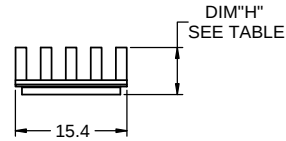
HEAT SINK VIEW PN U36-1101-6XXA-BP
SEE TABLE



HEAT SINK VIEW PN U36-1101-6XXB-BP
SEE TABLE

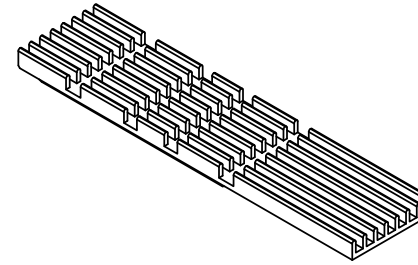


HEAT SINK VIEW PN U36-1101-6XXC-BP
SEE TABLE

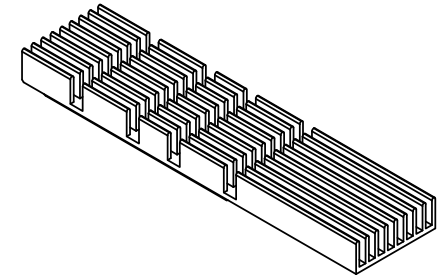


CLIP VIEW PN U90-1101-7060-BP

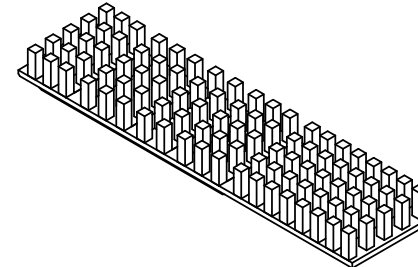
NOTE: DIMENSION OF CLIP AND HEAT SINK IS ONLY FOR REFERENCE, WHICH IS CHECKED BY ASSY.



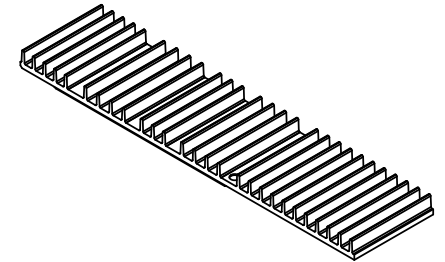
HEAT SINK VIEW PN U36-1101-6XXA-BP



HEAT SINK VIEW PN U36-1101-6XXA-F-BP



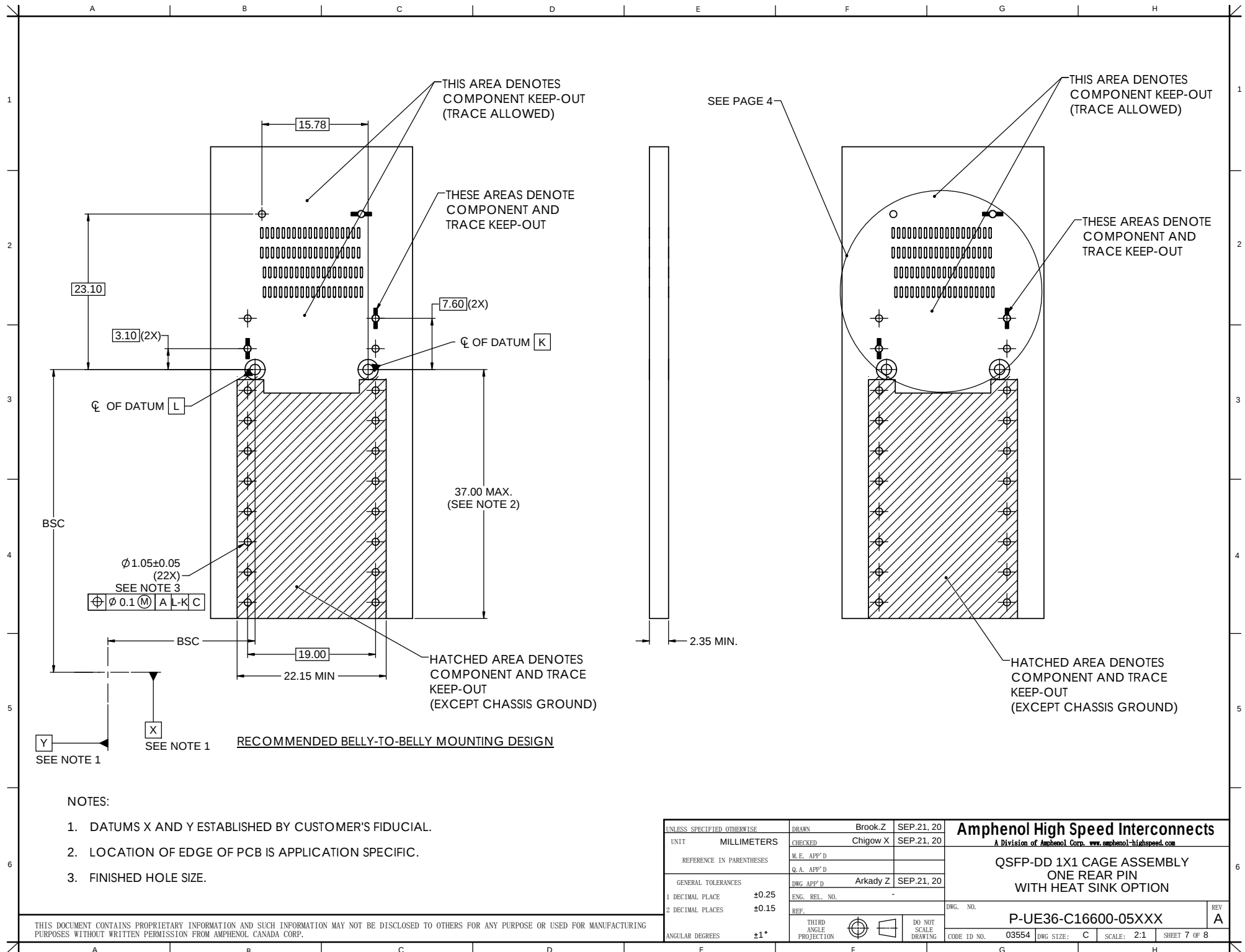
HEAT SINK VIEW PN U36-1101-6XXB-BP



HEAT SINK VIEW PN U36-1101-6XXC-BP

PART NUMBER	HEAT SINK P/N	DIM"H"	DIM"H1"	DIM"H2"
UE36C1660005X2X	U36-1101-611X-BP	4.2MM	13.7MM	12.8MM
UE36C1660005X3X	U36-1101-610X-BP	6.5MM	16.0MM	15.1MM
UE36C1660005X4X	U36-1101-612X-BP	13.5MM	23.0MM	22.1MM
UE36C1660005X5X	U36-1101-613X-BP	4.5MM	14.0MM	13.1MM
UE36C1660005X6X	U36-1101-615X-BP	21.5MM	31.0MM	30.1MM
UE36C1660005XJX	U36-1101-61AX-BP	9.5MM	19.0MM	18.1MM

UNLESS SPECIFIED OTHERWISE		DRAWN	Brook.Z	SEP.21, 20	Amphenol High Speed Interconnects A Division of Amphenol Corp. www.amphenol-highspeed.com	
UNIT MILLIMETERS		CHECKED	Chigow X	SEP.21, 20		
REFERENCE IN PARENTHESES		M.E. APP'D			QSFP-DD 1X1 CAGE ASSEMBLY ONE REAR PIN WITH HEAT SINK OPTION	
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE	±0.25	DWG APP'D	Arkady Z	SEP.21, 20	P-UE36-C16600-05XXX	
2 DECIMAL PLACES	±0.15	ENG. REL. NO.	-			
ANGULAR DEGREES		REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 5 OF 8	
		THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING				

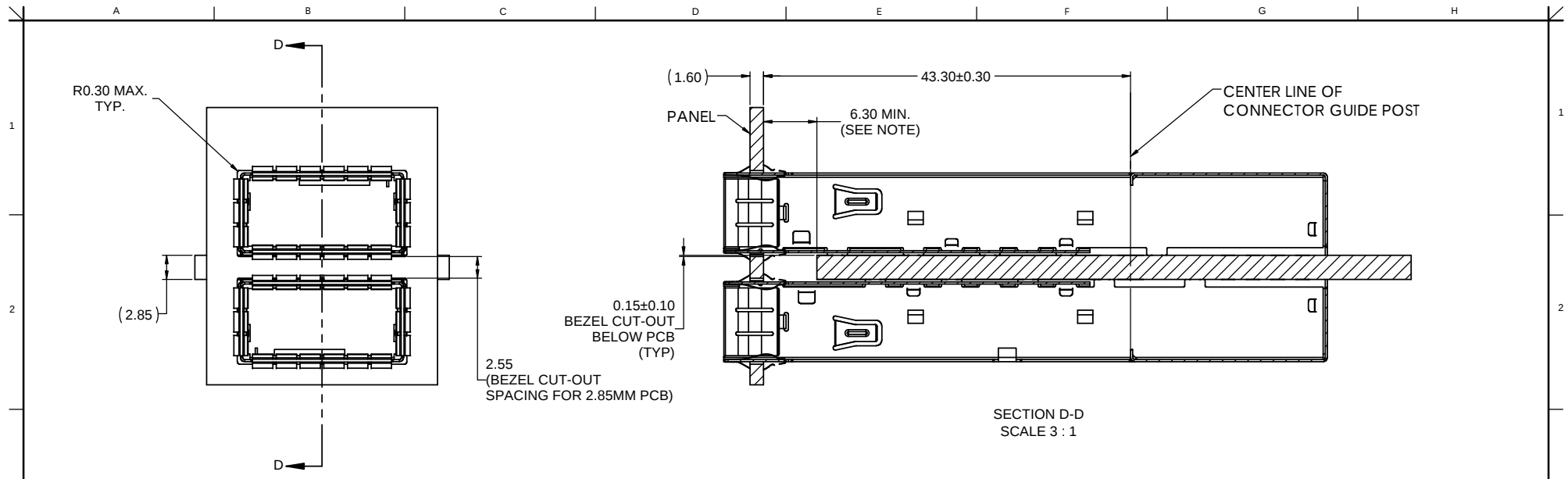


NOTES:

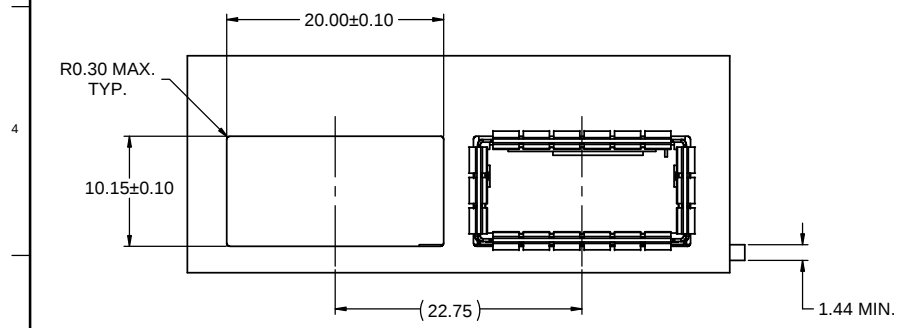
1. DATUMS X AND Y ESTABLISHED BY CUSTOMER'S FIDUCIAL.
2. LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.
3. FINISHED HOLE SIZE.

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GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE ±0.25		DWG APP'D	Arkady Z	SEP.21, 20	P-UE36-C16600-05XXX	
2 DECIMAL PLACES ±0.15		ENG. REL. NO.	-			
ANGULAR DEGREES ±1°		REF.			CODE ID NO. 03554 DWG SIZE: C SCALE: 2:1 SHEET 7 OF 8	
		THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			REV A	



RECOMMENDED BELLY-TO-BELLY MOUNTING DESIGN



RECOMMENDED SINGLE SIDE MOUNTING DESIGN

NOTES:
LOCATION OF EDGE OF PCB IS APPLICATION SPECIFIC.

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UNIT		CHECKED	Chigow X	SEP.21, 20		
REFERENCE IN PARENTHESES		M.E. APP'D				
GENERAL TOLERANCES		Q.A. APP'D				
1 DECIMAL PLACE		DWG APP'D	Arkady Z	SEP.21, 20		
2 DECIMAL PLACES		ENG. REL. NO.	-		DWG. NO. P-UE36-C16600-05XXX	
ANGULAR DEGREES		REF.				
		THIRD ANGLE PROJECTION				
		DO NOT SCALE DRAWING			CODE ID NO. 03554	
					DWG SIZE: C	
					SCALE: 2:1	
					SHEET 8 OF 8	