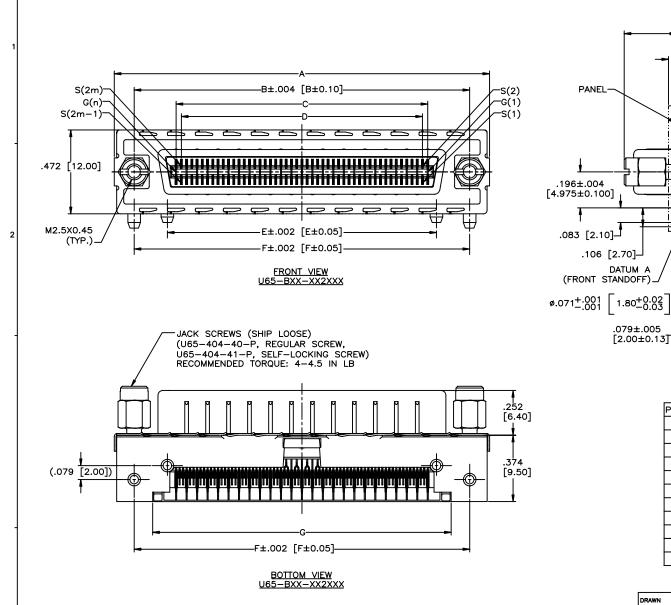
REVISIONS DATE APPRD. ECN, ERN NO. SYM ZONE AMPHENOL PART NUMBER CONFIGURATION: В EAR # 12705 2005/03/23 U65 - X XX - X X 2 XXX \overline{c} 2006/01/06 **PROPOSAL** THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE PACKAGING/SPECIAL INFINITY -RECEPTACLE NO DIGIT = TRAY PACKAGING NO REAR COVER STYLE -C = TRAY PACKAGING B = R/A SMT, 2 LOCATIONWITH REAR COVER (SHIPPED LOOSE) AND 2 SOLDERING POSTS T = TAPE & REEL PACKAGING NO REAR COVER E = R/A SMT, 2 LOCATIONCT = TAPE & REEL PACKAGING AND 2 SCREW MOUNT HOLES WITH REAR COVER (SHIPPED LOOSE) CONNECTOR TYPE M = TRAY PACKAGING WITH M2 RETENTION 04 = 4XSCREWS (SHIPPED LOOSE) AND NO REAR COVER CM = TRAY PACKAGING WITH M2 RETENTION 12 = 12XSCREWS AND REAR COVER (SHIPPED LOOSE) PLATING MT = TAPE & REEL PACKAGING WITH M2 RETENTION $1 = 50\mu$ " GOLD SCREWS (SHIPPED LOOSE) AND NO REAR COVER CMT = TAPE & REEL PACKAGING WITH M2 RETENTION $2 = 30\mu$ " GOLD SCREWS AND REAR COVER (SHIPPED LOOSE) 3 = GOLD FLASH OVER PALLADIUM-NICKEL (LEAD FREE) KEYING OPTION = 50µ" GOLD (RoHS COMPLIANT) 0 = NO KEYING (STD) $5 = 30\mu$ " GOLD (RoHS COMPLIANT) JACK SCREW OPTION MOUNTING STYLE 0 = SHIPPED LOOSE (REGULAR SCREW) 1 = SHIPPED LOOSE (SELF-LOCKING SCREW) SCREW LOCK 2 = NO JACK SCREW (ORDER SEPERATELY) 1. MATERIAL: PLASTIC HOUSING: HIGH TEMPERATURE RESISTANT NYLON, FLAMMABILITY RATING UL94V-0. CONTACTS: PHOSPHOR BRONZE PLATING OPTION (50µ" OR 30µ" GOLD): 50μ" [1.27 μm] ÓR 30μ" [0.76 μm] MIN. GOLD OVER 50μ" [1.27 μm] MIN. NICKEL ON CONTACT MATING SURFACES. 150μ" [3.81 μm] MIN. TIN-LEAD (90/10) OVER 50μ" [1.27 μm] NICKEL ON CONTACT TAILS. PLATING OPTION (GOLD FLASH OVER PALLADIUM-NICKEL): 2μ" [0.05 μm] MIN. GOLD OVER 25μ" [0.635 μm] MIN. PALLADIUM-NICKEL ON CONTACT MATING SURFACES. 0.3µ" [0.007 µm] MIN. GOLD OVER 1.2µ" [0.03 µm] MIN. PALLADIUM-NICKEL ON CONTACT TAILS, 50µ" [1.27 µm] MIN. NICKEL UNDER PLATING. PLATING OPTION (RoHS) (50µ" OR 30µ" GOLD): 50μ" [1.27 μm] OR 30μ" [0.76 μm] MIN. GOLD OVER 50μ" [1.27 μm] MIN. NICKEL ON CONTACT MATING SURFACES. 24" [0.05 µm] MIN. GOLD OVER 504" [1.27 µm] MIN. NICKEL ON CONTACT TAILS. METAL SHELL: DIE CASTING ALLOY PLATING: 100µ" [2.54 µm] MIN. NICKEL OVER COPPER UNDER LAYER STAINLESS STEEL JACK SCREW: STEEL PLATING: 100µ" [2.54 µm] MIN. NICKEL OVER ALL RECOMMENDED TORQUE: 4-4.5 IN LB. RETENTION SCREWS: L.DENG 2005/01/24 DRAWN Amphenol Canada Corp STEEL WITH ZINC PLATING DESIGNED CHECKED J.SI 2005/01/26 TITLE 2. TEMPERATURE RANGE: I. E. APPRD. INFINITY 4X/12X RECEPTACLE, SCREW LOCK -40°C TO +85°C Q. A. APPRD. STYLE, FIXED BOARD, RIGHT ANGLE SMT DWG. APPRD. THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION ENG. REL. NO. DRAWING NO. DWG MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING REF. EAR # 12636

DIMENSIONS ARE IN CODE ID. NO. INCHES [mm] 03554 SCALE 2/1 WT. P-U65-XXX-XX2XXX PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP. SURF. ---- SHEET 1 OF 4 В

		REVISIONS	
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295 [7.	50])		
.039	[1.00]		
	.20] MAX.)		
	 .014 [0.35]		
-	.014 [0.55]		
-GASKET	「	98 [10.10])	
	 	METAL REAR COVE− P/N U65-412-6	
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'n Ħ		002±.002 [0.09	±0.05]
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- 1 - 1 - 1 - 1 - 1	<u>~</u>	<u> </u>	<u> </u>
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		PCB THICKNESS . (OR 0.094 [063 [1.60]
		(OR 0.034 [4.00]) — 4.00])
		-P.C.B.	
	_ DATUM	B AND C	
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- -	•	•	
4	● Ø.071±.004 [1.80±0.10]		
_	_ [1.8010.10]		
	.161±.005		
SIDE V	[4.10±0.13]		
	XX2XXX		
HIMPER	LIEE VOA VVOVO	LIEE VIO VVOVVI	
		U65-X12-XX2XXX	
\	1.169 [29.70]	2.114 [53.70]	
3	.945 [24.00]	1.890 [48.00]	
<u>. </u>	.472 [12.00]	1.417 [36.00]	
<u>Б</u> Е	.413 [10.50]	1.358 [34.50]	
<u>-</u> F	.571 [14.50]	1.516 [38.50]	
<u>r </u>	.945 [24.00]	1.890 [48.00]	
, H	.736 [18.70]	1.681 [42.70]	
<u>-</u> К	1.063 [27.00]	2.008 [51.00]	
n .	.776 [19.70] m = 1 - 8	1.720 [43.70] m = 1 - 24	
<u> </u>	m = 1 - 8 n = 1 - 9	m = 1 - 24 n = 1 - 25	
	1 11 - 1 - 9	11 - 1 - 25	
		DV DIMENSIONS	
REFER 1	O [mm] AS PRIMA	AKI DIMENSIONS.	

	DRAWN	L.DENG	DATE 2005/01/24	 	Amphenol Canada Corp. TITLE INFINITY 4X/12X RECEPTACLE, SCREW LOCK STYLE, FIXED BOARD, RIGHT ANGLE SMT	_				
	DESIGNED			\sqrt	np n	enoi	Cand	aaa	Corp	ן. י
	CHECKED	J.SI	2005/01/26	TITLE						
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Ī	Q. A. APPRD.)CK
	DWG. APPRD.			ĺ	STILE, TIMES BOTTO, MOTH MIGGE SHIT					
Ī	ENG. REL. NO.			DWG	DRAWIN					REV.
		// / / / / / / / / / / / / / / /			$A \mid P-U65-XXX-XX2XXX \mid C$					C
	DIMENSIONS AF			SCALE	2/1	wr	SURF		SHEET 2 OF	4



THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING

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PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.

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PART

REVISIONS SYM ZONE ECN, ERN NO. APPRD. DATE В EAR # 12705 2005/03/23 \overline{c} PROPOSAL 2006/01/06 THIS IS A CAD DRAWING. DO NOT MANUALLY REVISE -(.295 [7.50]) .039 [1.00] (0.047 [1.20] MAX.) B±.004 [B±0.10] PANEL-METAL REAR COVER (OPTIONAL) S(2m)--S(2) (P/N U65-412-60-P) -GASKET G(n)--G(1) $S(2m-1)^{-}$ -S(1) 一(.398 [10.10]) .002±.002 [0.05±0.05] 0.10] (CONTACTS TO 3 STANDOFFS) .472 [12.00] PCB THICKNESS .063 [1.60] .196±.004 OR 0.094 [2.40]) (OR 0.157 [4.00]) [4.975±0.100] M2.5X.45 لـ[2.10] 083. (TYP.) E±.002 [E±0.05] DATUM A M2.0X0.4 (2 PLCS) (FRONT STANDOFF). FRONT VIEW -P.C.B. U65-EXX-XX2XXX ø.071^{+.001} 1.80^{+0.02} DATUM B AND C (REAR STANDOFFS) .079±.005 M2 SCREW (OPTIONAL) [2.00±0.13] (P/N U65-404-71-P) JACK SCREWS (SHIP LOOSE) .161±.005 (U65-404-40-P, REGULAR SCREW, [4.10±0.13T U65-404-41-P, SELF-LOCKING SCREW) RECOMMENDED TORQUE: 4-4.5 IN LB SIDE VIEW U65-EXX-XX2XXX .252 [6.40] [9.50] ** REFER TO [mm] AS PRIMARY DIMENSIONS. F±.002 [F±0.05] MOUNTING THREADS L.DENG DATE 2005/01/24 DRAWN Amphenol Canada Corp **BOTTOM VIEW** DESIGNED U65-EXX-XX2XXX CHECKED J.SI 2005/01/26 TITLE E. APPRD. INFINITY 4X/12X RECEPTACLE, SCREW LOCK Q. A. APPRD STYLE, FIXED BOARD, RIGHT ANGLE SMT DWG. APPRD. THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION ENG. REL. NO. DWG DRAWING NO. MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING REF. EAR # 12636 A P
DIMENSIONS ARE IN CODE ID. NO
INCHES [mm] 03554 SCALE 2/1 WT. — P-U65-XXX-XX2XXX CPURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP. SHEET 3 OF 4 -|SURF. --

