

AMPHENOL PART NUMBER CONFIGURATION:
U65 - X XX - X X 7 XXX

INFINITY RECEPTACLE

STYLE

B = R/A SMT, 2 LOCATION AND 4 SOLDERING POSTS
E = R/A SMT, 2 LOCATION AND 4 SCREW MOUNT HOLES

CONNECTOR TYPE

04 = 4X
12 = 12X

PLATING

1 = 50µ" GOLD
2 = 30µ" GOLD
3 = GOLD FLASH OVER PALLADIUM-NICKEL (LEAD FREE)
4 = 50µ" GOLD (RoHS COMPLIANT)
5 = 30µ" GOLD (RoHS COMPLIANT)
B = 50µ" GOLD (RoHS COMPLIANT)
C = 30µ" GOLD (RoHS COMPLIANT)

OPTION

0= 2 PIECE LOCKING PLATE (SHIPPED LOOSE)
1= ONE PIECE LOCKING PLATE (SHIPPED LOOSE)
2= NO LOCKING PLATE

PACKAGING/SPECIAL

NO DIGIT = TRAY PACKAGING
NO REAR COVER
C = TRAY PACKAGING
WITH REAR COVER (SHIPPED LOOSE)
T = TAPE & REEL PACKAGING
NO REAR COVER
CT = TAPE & REEL PACKAGING
WITH REAR COVER (SHIPPED LOOSE)

KEYING OPTION

0 = NO KEYING (STD)

MOUNTING STYLE

LANYARD LATCH (WITH TOP MOUNTING EAR)

1. MATERIAL:
PLASTIC HOUSING:
HIGH TEMPERATURE RESISTANT NYLON, FLAMMABILITY RATING UL94V-0.
CONTACTS:
PHOSPHOR BRONZE
PLATING OPTION 1 OR 2 (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. 150µ" [3.81 µm] MIN. TIN-LEAD (90/10) OVER 50µ" [1.27 µm] NICKEL ON CONTACT TAILS.
PLATING OPTION 3 (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 4 OR 5 (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. 2µ" [0.05 µm] MIN. GOLD OVER 50µ" [1.27 µm] MIN. NICKEL ON CONTACT TAILS.
PLATING OPTION B OR C (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. 100-150µ" [2.54-3.81 µm] MATTE TIN OVER 50µ" [1.27 µm] MIN. NICKEL ON CONTACT TAILS.

METAL SHELL: DIE CASTING ALLOY
PLATING: 100µ" [2.54 µm] MIN. NICKEL OVER COPPER UNDER LAYER
GASKET: STAINLESS STEEL
LOCKING PLATE: STAINLESS STEEL

2. TEMPERATURE RANGE:
-40°C TO +85°C

DRAWN L.DENG DATE 2005/01/07

DESIGNED

CHECKED J.SI 2005/01/07

I. E. APPRD.

Q. A. APPRD.

DWG. APPRD.

ENG. REL. NO.

REF. EAR# 12571/12614

DIMENSIONS ARE IN CODE ID. NO. 03554

Amphenol Canada Corp.

TITLE INFINITY 4X/12X RECEPTACLE, LANYARD LATCH
FIXED BOARD, RIGHT ANGLE SMT
WITH TOP MOUNTING EAR

DWG A DRAWING NO. P-U65-XXX-XX7XXX REV. C

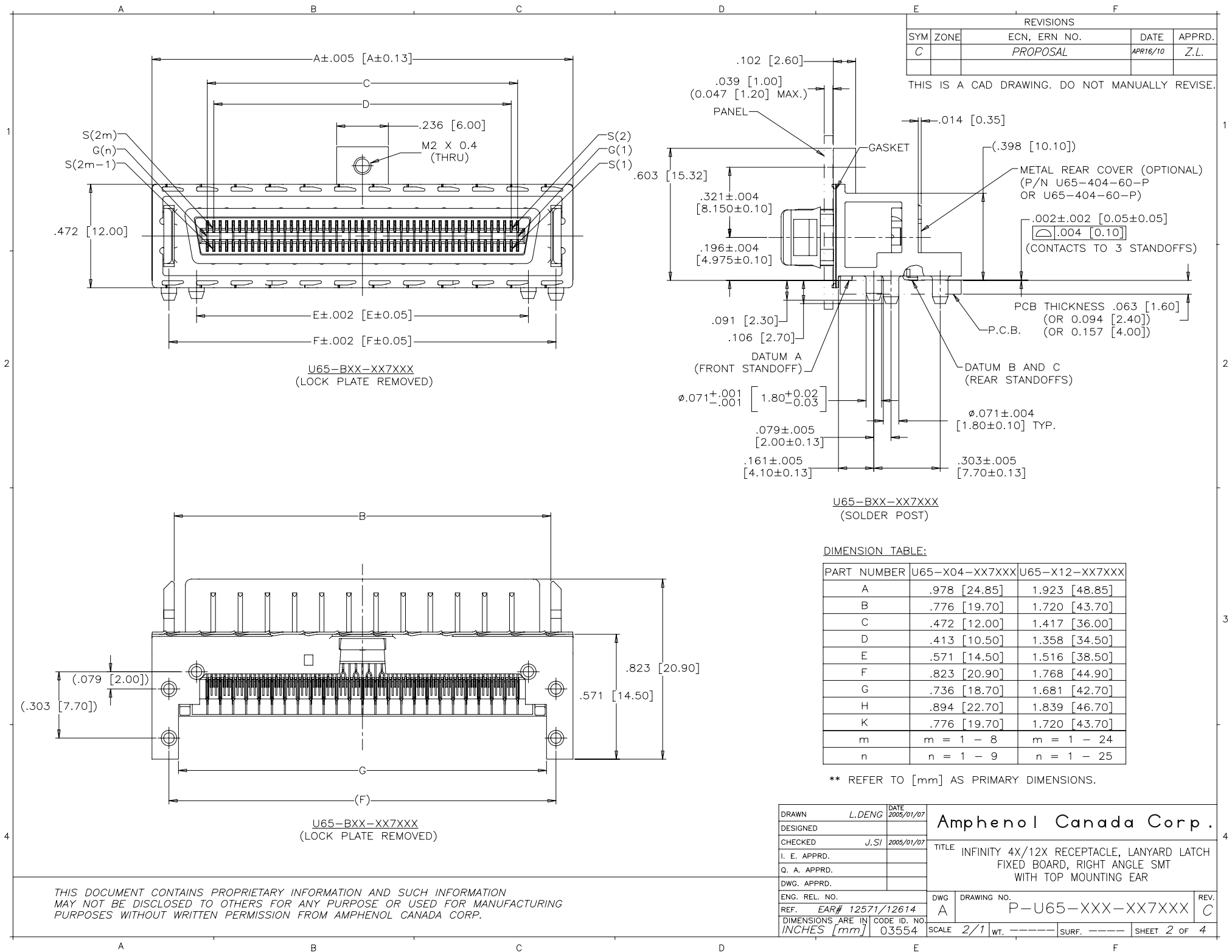
SCALE 2/1 WT. ----- SURF. ----- SHEET 1 OF 4

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REVISIONS

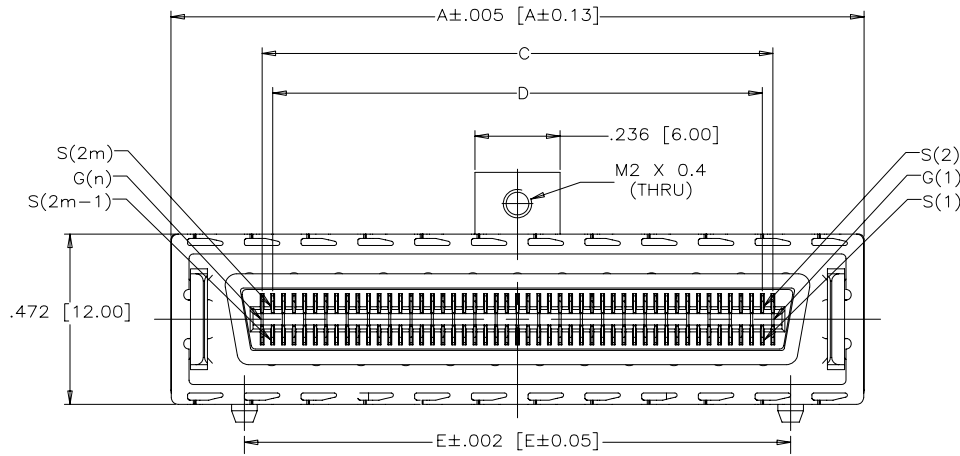
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C		PROPOSAL	APR16/10	Z.L.

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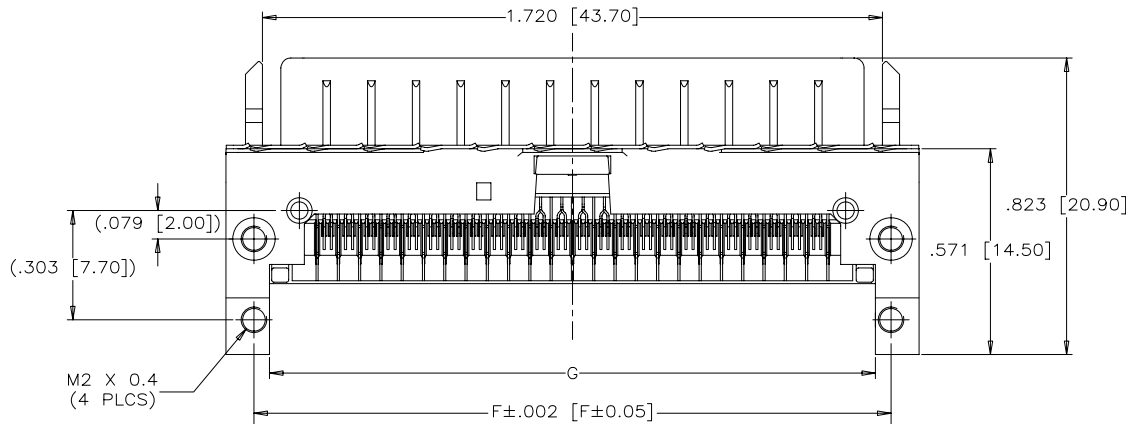


REVISIONS				
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C		PROPOSAL	APR16/10	Z.L.

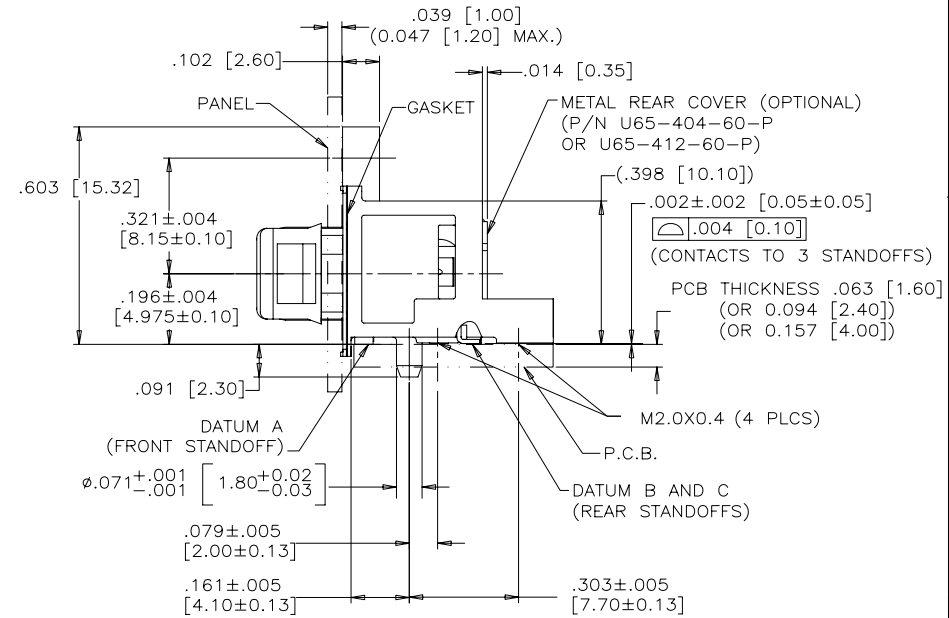
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U65-EXX-XX7XXX
(LOCK PLATE REMOVED)



U65-EXX-XX7XXX
(LOCK PLATE REMOVED)



U65-EXX-XX7XXX
(SCREW MOUNT)

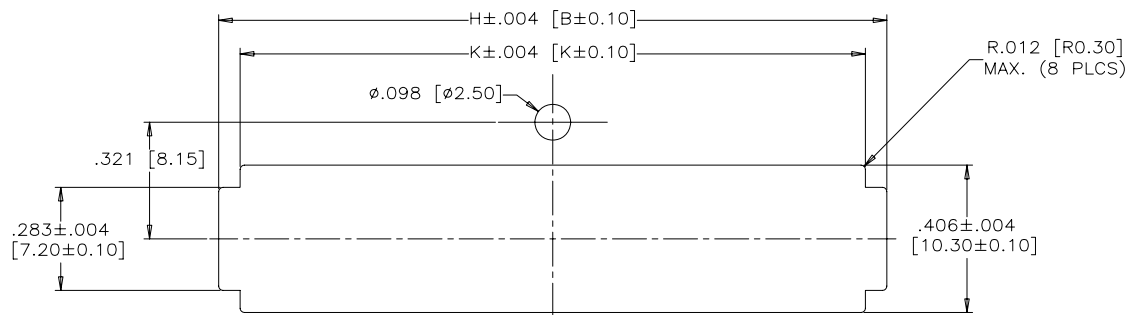
** REFER TO [mm] AS PRIMARY DIMENSIONS.

DRAWN	L.DENG	DATE	2005/01/07	Amphenol Canada Corp.	
DESIGNED					
CHECKED	J.SI	2005/01/07			
I. E. APPRD.					
Q. A. APPRD.					
DWG. APPRD.				TITLE INFINITY 4X/12X RECEPTACLE, LANYARD LATCH FIXED BOARD, RIGHT ANGLE SMT WITH TOP MOUNTING EAR	
ENG. REL. NO.					
REF.	EAR# 12571/12614				
DIMENSIONS ARE IN	INCHES [mm]	CODE ID. NO.	03554		
DWG.	A	DRAWING NO.	P-U65-XXX-XX7XXX	REV.	C
SCALE	2/1	WT.	-----	SURF.	-----
				SHEET	3 OF 4

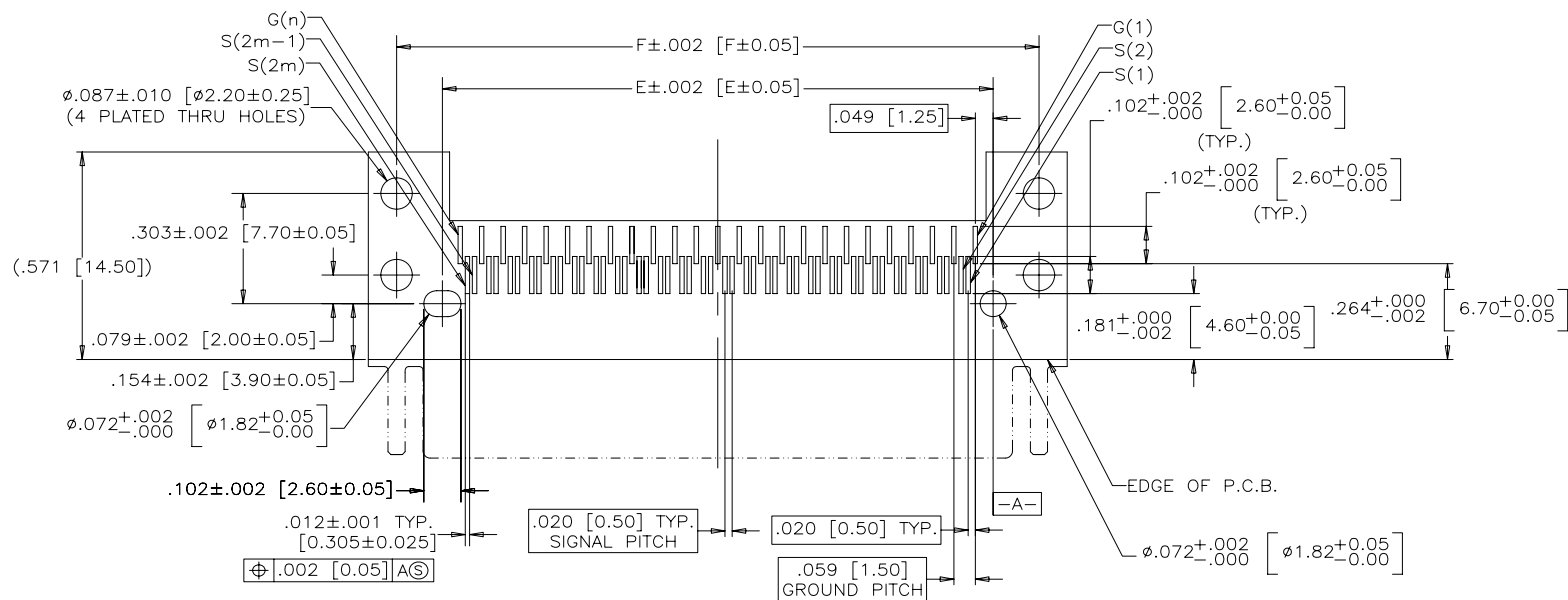
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RECOMMENDED PANEL CUTOUT



RECOMMENDED P.C.B. LAYOUT
(COMPONENTS SIDE OF BOARD)

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DESIGNED							
CHECKED	J.SI	DATE	2005/01/07	TITLE INFINITY 4X/12X RECEPTACLE, LANYARD LATCH			
I. E. APPRD.				FIXED BOARD, RIGHT ANGLE SMT			
Q. A. APPRD.				WITH TOP MOUNTING EAR			
DWG. APPRD.							
ENG. REL. NO.		DWG	A	DRAWING NO.	P-U65-XXX-XX7XXX	REV.	C
REF. EAR# 12571/12614		SCALE	2/1	WT.	-----	SURF.	-----
DIMENSIONS ARE IN INCHES [mm]		CODE ID. NO.	03554			SHEET	4 OF 4