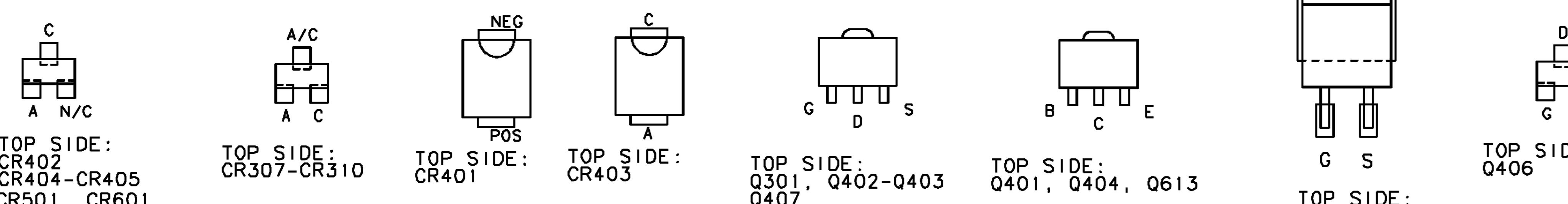


THIS DRAWING IS NOT COMPLETE WITHOUT
PARTS LIST 200-09038-0010



TOP STD
Q502-Q5
Q505-Q5
Q508-Q5
Q511-Q5
Q514-Q5
Q517-Q5
Q520-Q5
Q523-Q5
Q602-Q6
Q605-Q6
Q608-Q6

200-09054-0000								KTA 810		
NEXT ASSY								UNIT		
E	176894	09/00	LUST							
D	173713	07/00	LUST							
REV	PRN/CO	DATE	BY							

ENTD DRAWINGS DRAWING TO BE MAINTAINED BY P. S. DESIGN


SIZE		Honeywell International Inc	
	D	Olathe, Kansas USA	CAGE: 22373
ELEC	ENG	NAME	TRANSMITTER BOARD

TRANSMITTER BOARD

Honeywell

Honeywell

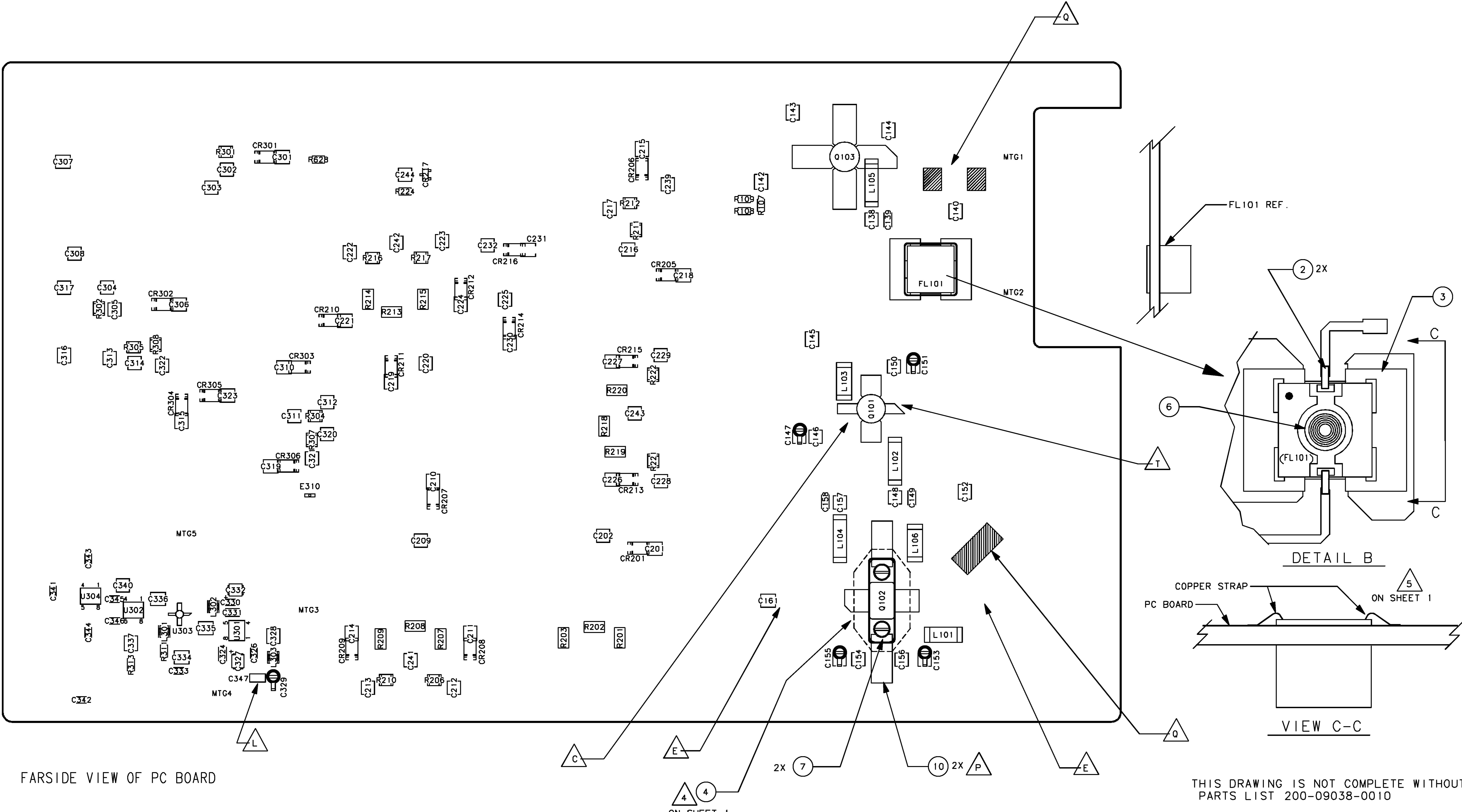
Proprietary Notice
This document and all information contained herein are the property of Honeywell International Inc, are provided in confidence, and may not be used, duplicated or disclosed to a third party, in whole or in part, without prior written permission from Honeywell International Inc.
Copyright 2000 Honeywell International Inc. All rights reserved.



NEAR SIDE VIEW OF PC BOARD

THIS DRAWING IS NOT COMPLETE WITHOUT
PARTS LIST 200-09038-0010

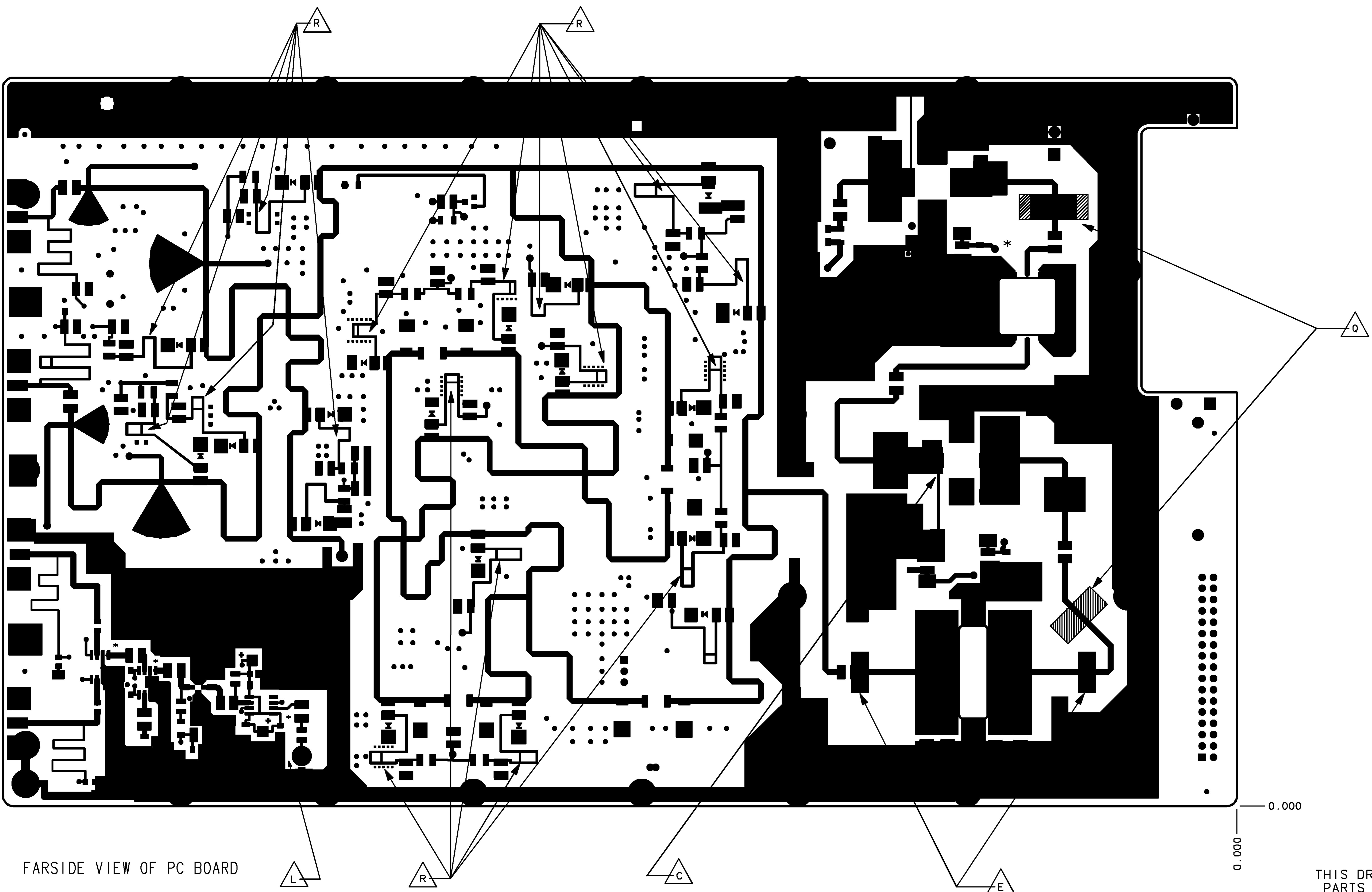
NEXT ASSY				UNIT				MENTOR GRAPHICS DRAWING; TO BE MAINTAINED BY P.C. DESIGN											
								BY		SIZE		Honeywell International Inc							
										D		Olathe, Kansas USA							
										ELEC ENG		CAGE: 22373							
										MECH ENG		NAME							
										DRN		TRANSMITTER BOARD							
										SAL		DATE 6/00							
										CHK (EE)		DATE							
										P/N RANGE		DOCUMENT NUMBER							
										NONE		300-09038-0010							
								W O REV				SHT 2 OF 5							



<divFARSIDE VIEW OF PC BOARD

THIS DRAWING IS NOT COMPLETE WITHOUT
PARTS LIST 200-09038-0010

<div[](https://i.imgur.com/3Q1zJLc.png)

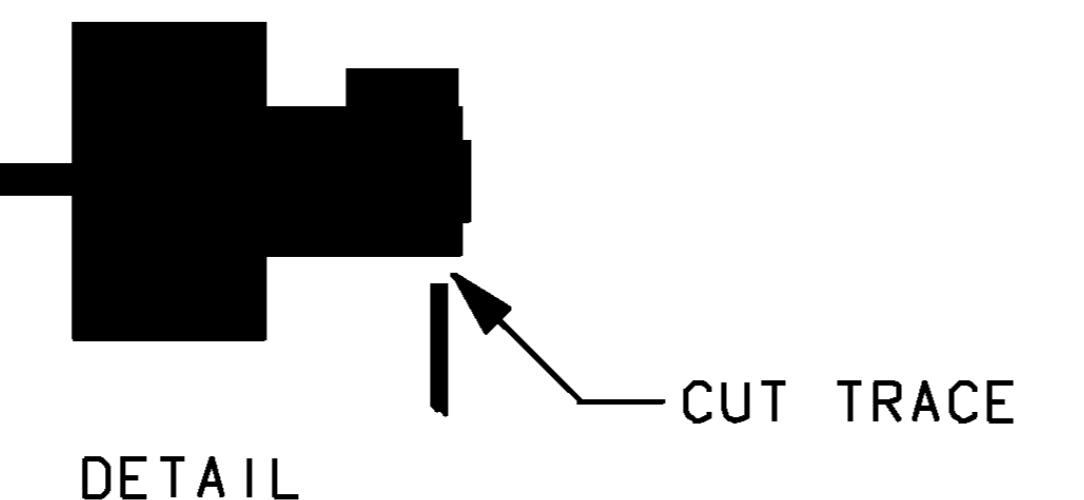


FARSIDE VIEW OF PC BOARD

THIS DRAWING IS NOT COMPLETE WITHOUT
PARTS LIST 200-09038-0010

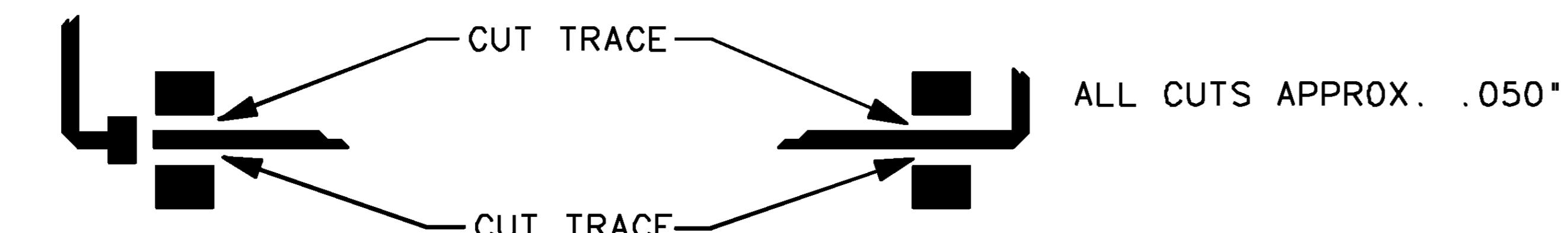
REWORK NOTES:

-  A. CUT BOTH TRACES LEADING AWAY FROM VIA.
-  B. CUT BOTH TRACES LEADING AWAY FROM VIA.
-  C. CUT TRACE FLUSH WITH PAD REMOVING APPROXIMATELY 0.050 OF TRACE.



 D. CUT TRACE BETWEEN U403 P8 AND ITS VIA.

E. DETAIL



 F. REPLACE U105 AND C114 WITH ZERO OHM JUMPERS (SEE BOM FOR PART NUMBER)
USING CAUTION WHEN INSTALLING JUMPER IN U105. DO NOT SHORT TO ADJACENT PADS.

G. USING MAG WIRE, CONNECT R433 P10 TO U402 PINS 12 & 13, CONNECT U402 PINS 9 & 10 TO U402 P11. THEN CONNECT U402 P11 TO R434 (SIDE NEAREST TO EDGE OF BOARD), THEN CONNECT SAME POINT OF R434 TO Q407'S GATE (*). RUN MAG WIRE APPROXIMATELY AS SHOWN.

 H. USING MAGWIRE, CONNECT U403 P8 TO P10 THEN TO U402 P3.
RUN MAG WIRE APPROXIMATELY AS SHOWN.

 J. REPLACE Q405 (SEE BOM FOR PART NUMBER). PINOUT ON THE NEW PART IS THE SAME, BUT SMALLER, AND REQUIRES MAGWIRES TO CONNECT TO THE PADS.
(CENTER PIN IS NOT CONNECTED).

 K. WHEN ADDING THE FOLLOWING CAPACITORS THEY ARE TO BE SOLDERED ON TOP OF THEIR ASSOCIATED CAPACITORS. SOLDER C425 ON C420, C426 ON C421, C162 ON C121, C163 ON C127, C164 ON C116, C165 ON C126.

 L. WHEN INSTALLING C347, SOLDER TO THE PAD AT THE BASE OF C329 AND GND PLANE AS SHOWN.

WHEN INSTALLING C166, SOLDER ONE SIDE TO VIA, THE OTHER TO THE GROUND PLANE

 N. WHEN INSTALLING C427, SOLDER TO C407 (NEAREST TO BOARD EDGE),
THEN TO NEGATIVE SIDE OF C408 AS SHOWN

 P. INSTALL ITEM 10 BETWEEN Q102 AND ITEM 7 IN THE DIRECTION SHOWN. TIGHTEN ITEM 7 HOLDING ITEM 10 IN PLACE. SOLDER THE OTHER ENDS OF ITEM 10 TO THE GROUND PLANE ENSURING COMPLETE SEAM SOLDER AROUND ITEM 10.

ADD SHIMSTOCK (024-05021-0004) AS REQUIRED IN TEST

 ADD WIRE (0026-00032-0000) FOR TUNING AS REQUIRED IN TEST (17 PLACES)

 T. ADD SHIMSTOCK (024-05021-0004) TO BASE OF Q101. MUST REMOVE SOLDER MASK AT GROUND PLANE NEAR Q101 AS REQUIRED IN TEST

THIS DRAWING IS NOT COMPLETE WITHOUT
PARTS LIST 200-09038-0010

NEXT ASSY.		UNIT			BY DATE	SIZE D	Honeywell International Inc Olathe, Kansas USA		CAGE: 22373
							ELEC ENG	NAME	
					MECH ENG		TRANSMITTER BOARD		
					DRN	DATE			
					SAL	6/00			
					CHK (EE)	DATE			
					P/N RANGE		DOCUMENT NUMBER		
					NONE		300-09038-0010	SHT 5 OF 5	
					E	O	REV		