

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 D	Honeywell International Inc		
							DATE	ELEC ENG	Olathe, Kansas USA		
								MECH ENG	CAGE: 22373		
								NAME	TRANSMITTER BOARD		
								DATE	6/00		
								DATE	Honeywell		
								P/N RANGE	DOCUMENT NUMBER		
								NONE	300-09038-0010		
								ANGLE ± #	SHT 2		
									OF 5		



— 0.000

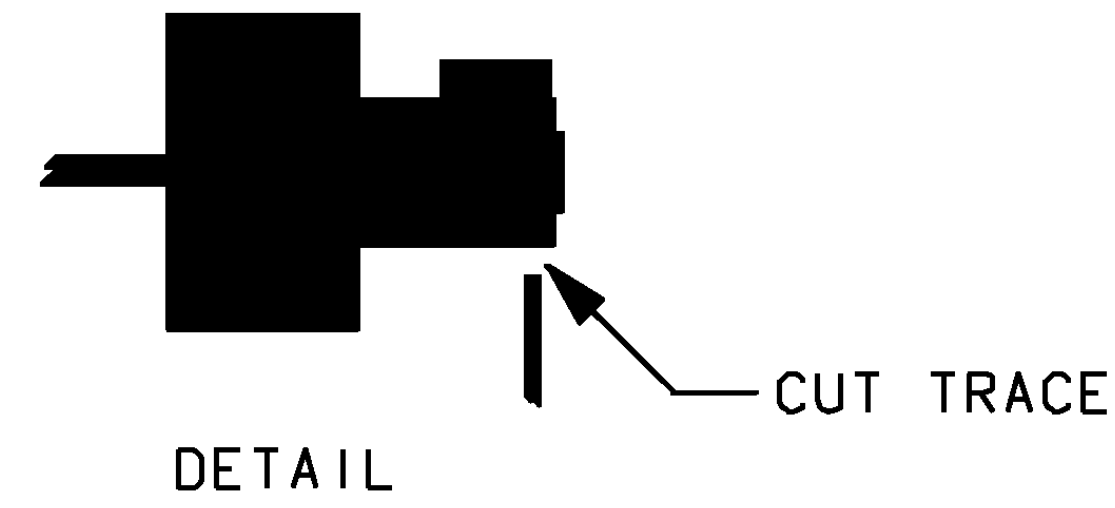
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REWORK NOTES:

 A. CUT BOTH TRACES LEADING AWAY FROM VIA.

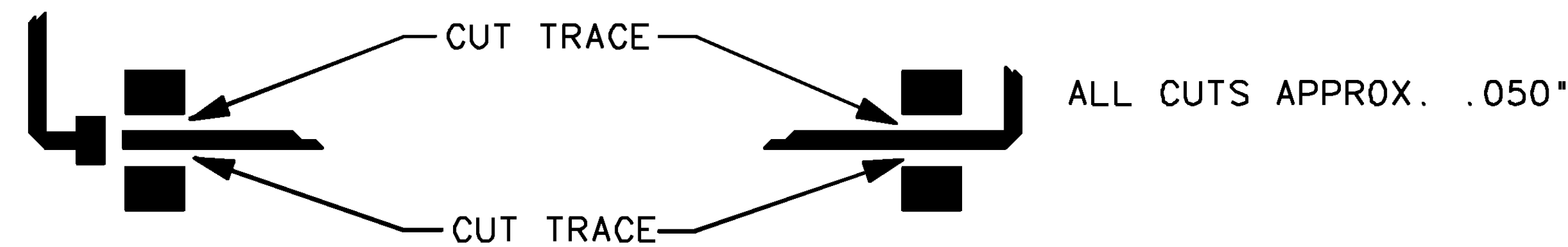
 CUT BOTH TRACES LEADING AWAY FROM VIA.


 CUT TRACE FLUSH WITH PAD REMOVING APPROXIMATELY 0.050 OF TRACE.





 CUT TRACE BETWEEN U403 P8 AND ITS VIA.


 E. DETAIL:




 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.


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


 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).

 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.

 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.

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

 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.

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

△ R. ADD WIRE (026-00032-0000) 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.

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