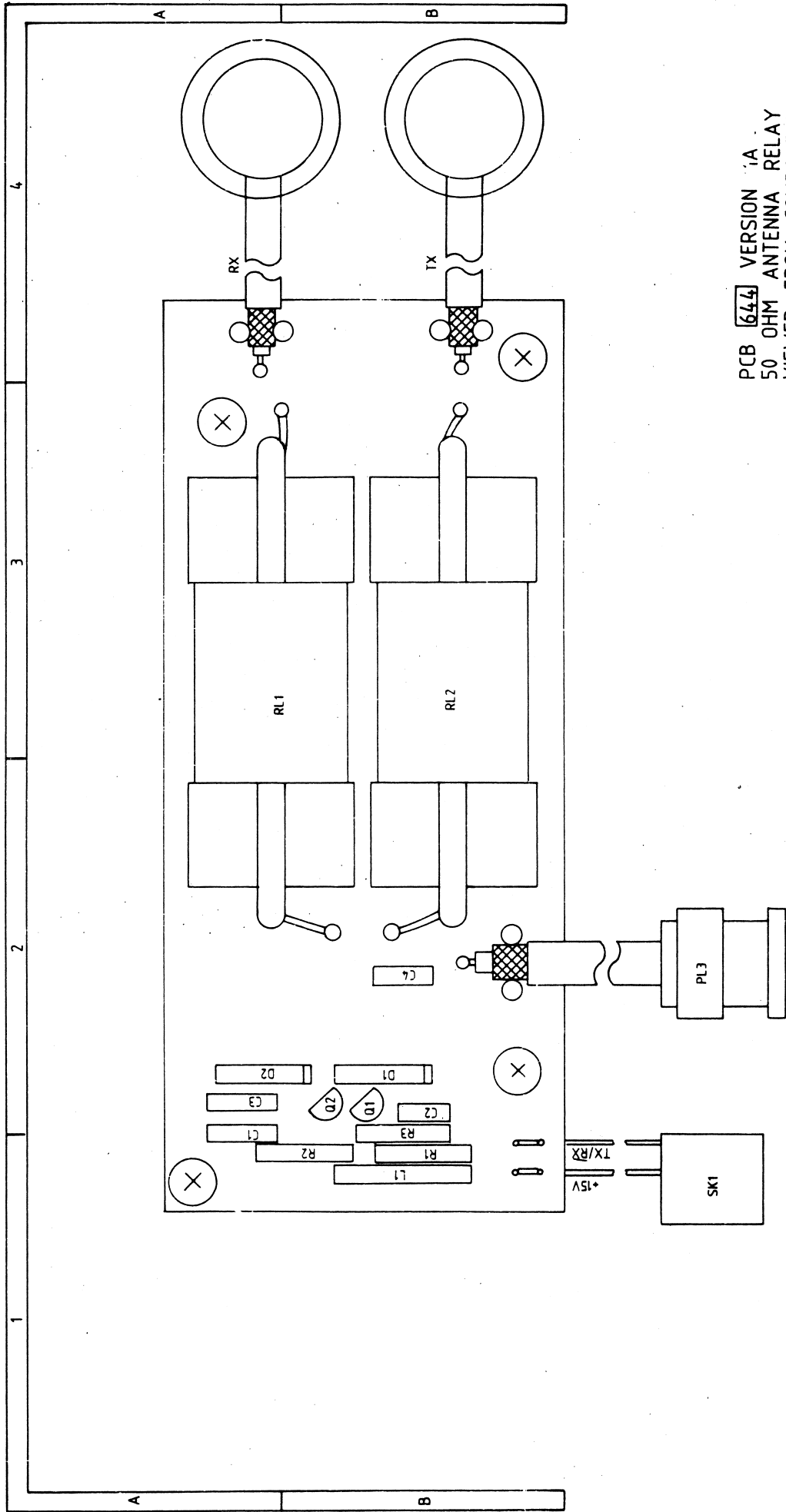


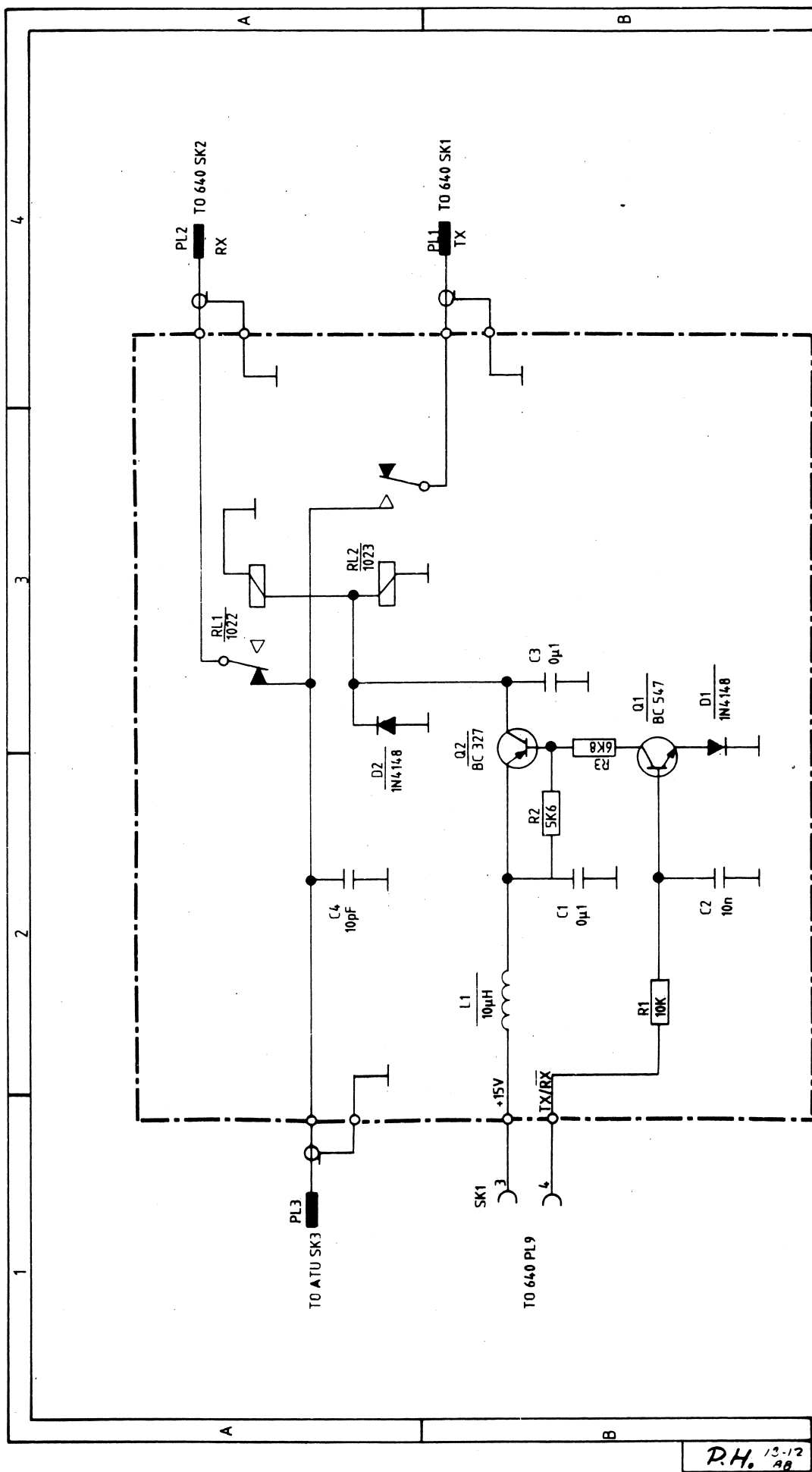
TECHNICAL DESCRIPTION

50 OHM ATU RELAY [644]

The ATU RELAY is a fast switching simplex relay (< 5 msec) which in combination with [630] requires only one coax cable to be connected between the TU and the ATU. The RELAY board is mounted inside the ATU and is controlled by PCB [640] .



PCB 6444 VERSION 1A
50 OHM ANTENNA RELAY
VIEWED FROM COMPONENT SIDE



P.H. 13-12
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PCB 644 50 OHM ANTENNA RELAY
VERSION 1A MAIN DIAGRAM SIDE

PARTS LIST FOR 50 OHM ATU RELAY BOARD 644 VERSION 1A

Printed Circuit Board Complete 644			107 564 41
Q1	BC547B		840 054 70
Q2	BC327		840 032 70
D1,2	1N4148		830 414 80
RL1	RELAY	1022	373 590 0X
RL2	RELAY	1023	373 589 8X
R1	10 kohm	5%	501 410 00
R2	5.6 kohm	5%	501 356 00
R3	6.8 kohm	5%	501 368 00
C1,3	0.1 uF	10%	623 510 01
C2	10 nF	-20+50%	602 410 01
C4	10 pF	+ -1/2pf	645 110 00
L1	10 uH	1582/25	740 110 00
PL1,2	PLUG COAXCABLE		373 617 8X
PL3	PLUG COAXCABLE		373 617 9X
SK1	SOCKET 2-WIRE CABLE		106 605 50