

34112A TOUCH HOLD PROBE OPERATING NOTE

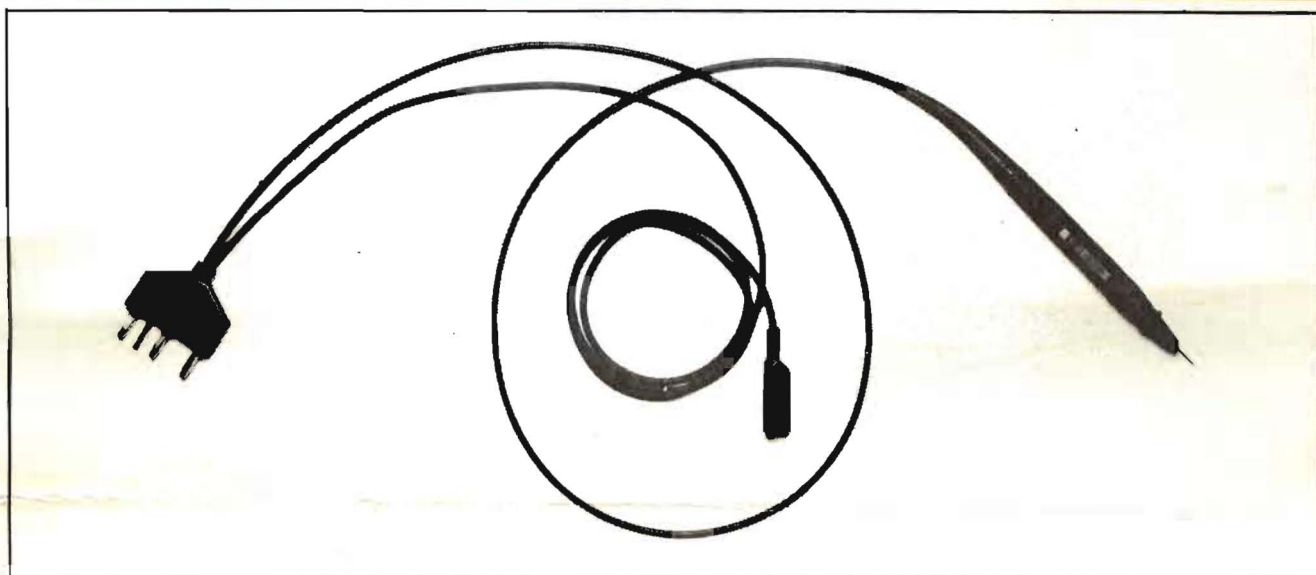


Figure 1. Model 34112A Touch Hold Probe.

1. GENERAL.

2. The Model 34112A Touch Hold Probe is an accessory for the -hp- Model 3435A, 3465B, and later Model 3465A (serial numbers 1621A05396 and greater). The Model 34112A permits the display reading to be held by depressing the probe pushbutton switch.

3. SPECIFICATIONS.

4. Specifications for the Touch Hold Probe are listed in Table 1.

Table 1. Specifications.

MAX INPUT VOLTAGE.	1200 V peak
V- Ω input to common capacitance	< 180 pF
Total lead resistance	< .5 ohms

5. OPERATION.

6. The Touch Hold Probe is used to hold the display reading for ac and dc voltage measurements. It may also be used in place of test leads to make resistance measurements without the Hold feature. The Touch Hold probe cannot be used to make current measurements.

7. Touch Hold measurements are made using the following procedure:

- Set the multimeter to the desired function and range.
- Connect the Touch Hold Probe to the multimeter input terminals.
- Connect the alligator clip lead (COM) to common or ground.
- Touch the probe tip to the ac or dc voltage under test.
- Depress the Touch Hold Probe pushbutton switch and remove the probe.
- Observe the multimeter display reading before releasing the pushbutton.

8. REPLACEABLE PARTS LIST.

9. Figure 2 shows an exploded view and the replaceable parts list for the -hp- Model 34112A Touch Hold Probe.

34112-90001 (Microfiche Part No. 34112-90051)

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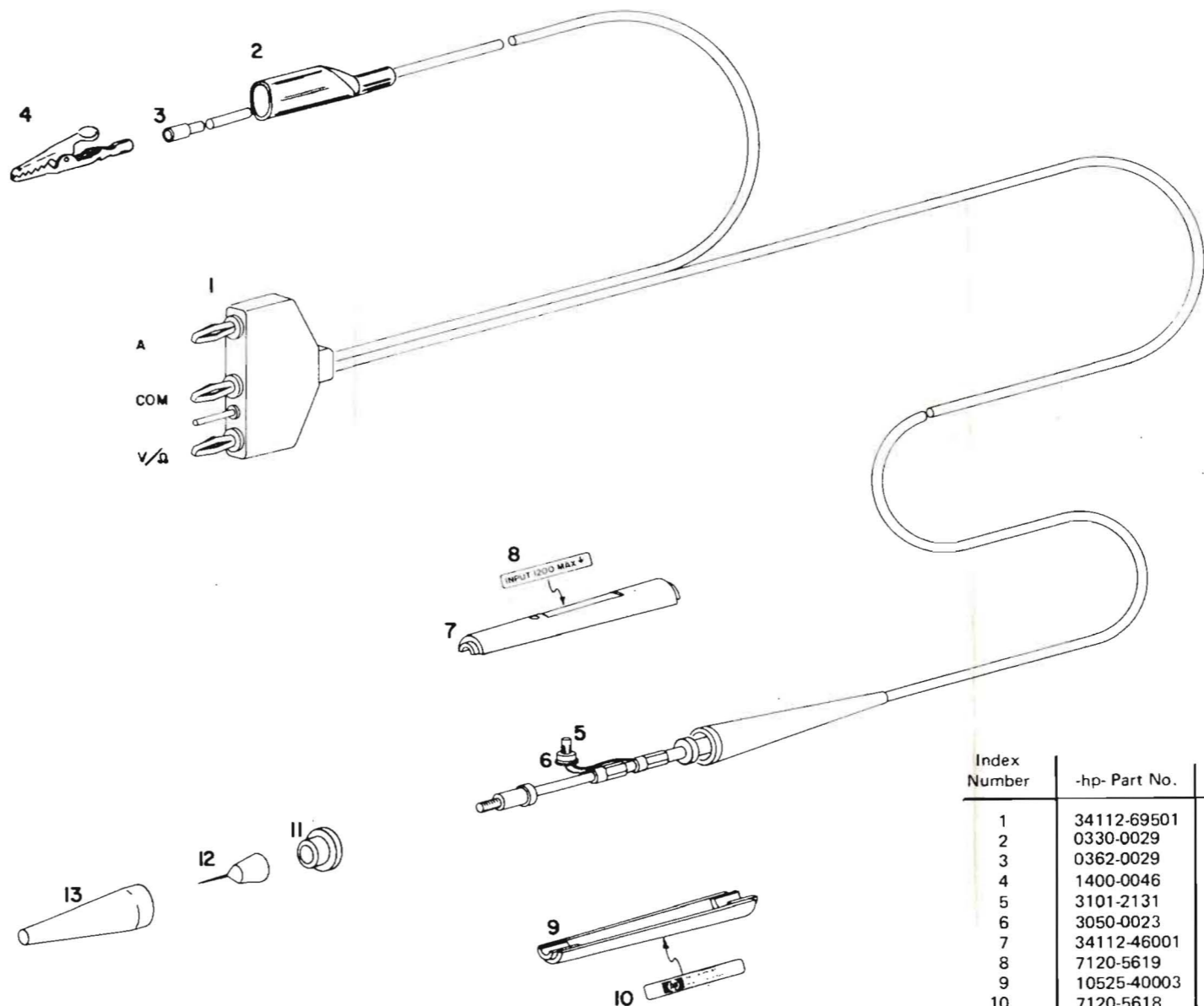


Figure 2. Replaceable Parts.

Index Number	-hp- Part No.	Description
1	34112-69501	Probe/Cable Assembly
2	0330-0029	Insulator Cup
3	0362-0029	Hyring
4	1400-0046	Alligator Clip
5	3101-2131	Switch SPST NO
6	3050-0023	Insulator Washer
7	34112-46001	Probe Body w/hole
8	7120-5619	Label, Warning
9	10525-40003	Probe Body Lid
10	7120-5618	Label, Information
11	0380-0673	Spacer, Tip
12	5060-0418	Pin Tip Assembly
13	00547-40005	Cover-Tip

34112-C-4823

10. SCHEMATIC DIAGRAM.

11. Figure 3 is the schematic diagram for the -hp- Model 34112A Touch Hold Probe.

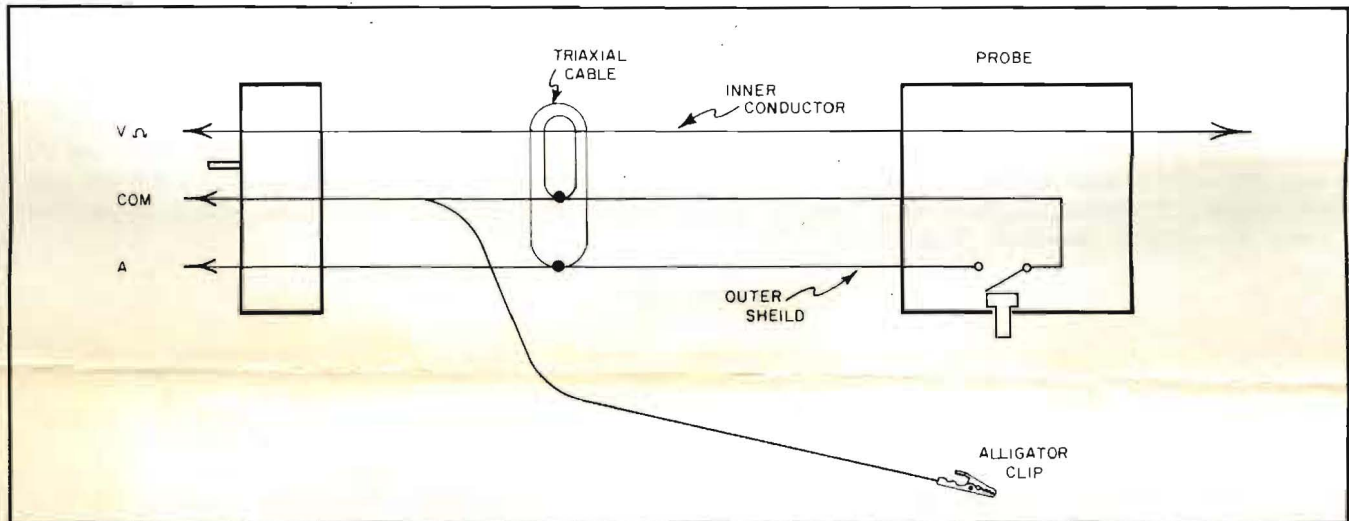


Figure 3. Schematic Diagram.

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Hewlett-Packard Company certifies that this product met its published specifications at the time of shipment from the factory. Hewlett-Packard further certifies that its calibration measurements are traceable to the United States National Bureau of Standards, to the extent allowed by the Bureau's calibration facility, and to the calibration facilities of other International Standards Organization members.

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