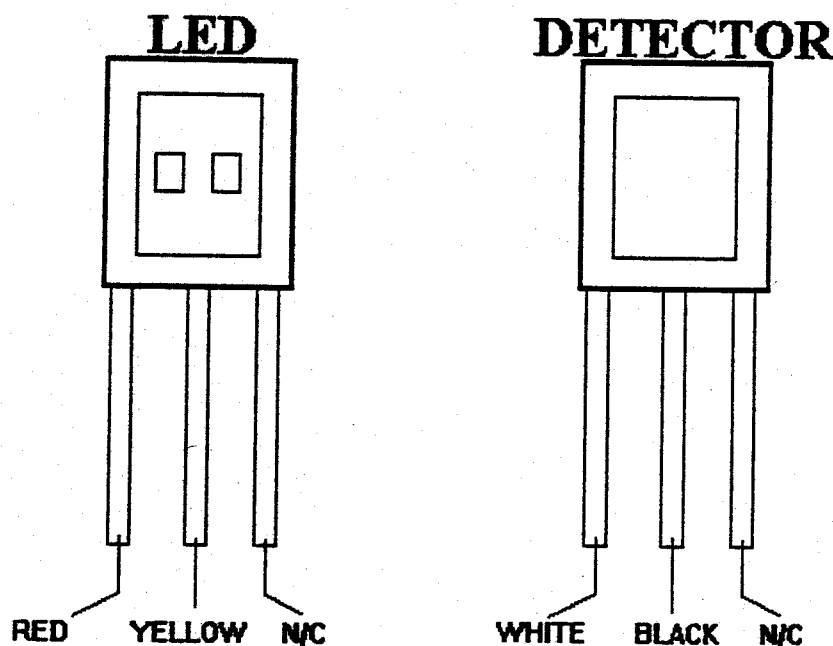


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### 1.2.3 Probe Reassembly:

7. Replace cable. Attach connector strain relief housing (item 12) and plastic ring (item 13) onto cable (item 11). Attach black wire to main shield. Attach wires (solder) onto pins (item 18). Attach resistor (item 19) and capacitor (item 20) across pins 1 & 8. Attach jumper across pins 4 & 5. Place pins into insert according to connector diagram. Attach bottom half of split mid-piece (item 16) to insert (item 17). Attach cord grip (item 14) with two screws (item 15) to bottom half of mid-piece. Attach top half of mid-piece and slide connector strain relief housing (item 12) and plastic ring (item 13) onto the mid-piece. Slide outer ring (item 21) onto front of connector.
8. Attach probe strain relief (item 22) to cable (item 11). Strip wires back. Connect wires (solder) to LED and Detector. Connect the red and yellow wires to the LED terminals. Connect the black and white wires to the Detector terminals. Test continuity.



9. Inspect finger pads (item 5 & 6) for damage or cracks. Replace finger pads if damaged or cracked. Slide the LED into the top pad and silicone (item 23) into place. Slide the Detector into the bottom pad and silicone (item 23) into place. Let silicone dry.

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