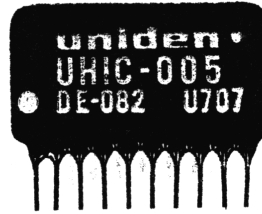
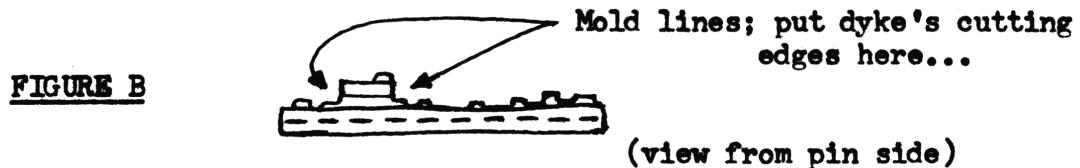
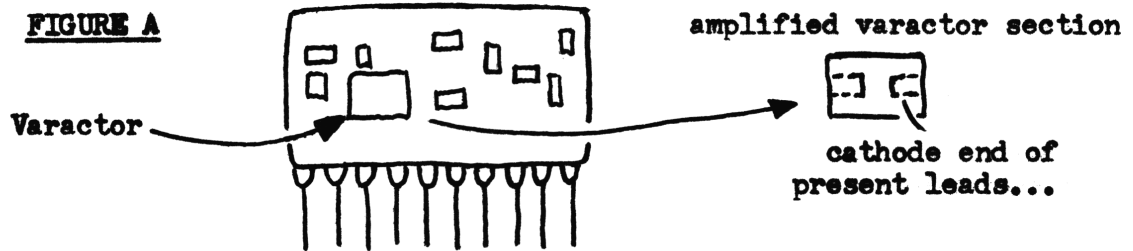


UHIC-005 WIDEBANDING FOR 858 CHASSIS
by IESCOM



1. Carefully remove the UHIC-005 chip from the PCB.
2. Lay the chip - numbers down - on a work surface and locate the present varactor. (See Fig. A)
3. Using sharp knife or dental tool scrape away the brown epoxy covering the diode.



4. Once the diode has been exposed; (ends, sides, and top); look for the molding line around the diode. This will be found where the leads enter the diode (see Fig. B.).
5. Using a good pair of small dykes, (about 6") place the cutting edges even with the mold lines. Squeeze firmly and steadily until the top half of the diode cracks off. At this point, the diode leads inside the case should be visible. (amplified section of Fig. A)
6. Carefully lift both leads and scrape the ends gently! Then apply heat and tin the leads. Use a 15W iron!
7. Bend and cut the leads of a Super Diode to fit the exposed leads as shown below. Then solder in place.



NOTE: Banded end of diode...

8. Re-install the I.C. in unit. The VCO will have to be retuned. But, in most cases the radio will now cover about 3MHz. Wide-banding of both the transmit and receive is a must.