

spring clip with a screw driver, and remove the diode. The diode should have a back resistance of at least 20,000 ohms at 1 volt dc.

5.2 CAPACITOR REPLACEMENT. To replace the coupling capacitor, unscrew the knurled head and remove the two diametrically positioned screws. The capacitor then comes apart. To decrease capacitance, insert additional mica spacers.

SPECIFICATIONS

Maximum Voltage: 2 volts.

Resonant Frequency: Approximately 5400 Mc; correction curve supplied.

VSWR Introduced in a Matched 50-ohm Line: Less than 1.1 at 1000 Mc. less than 1.2 at 2000 Mc.

Bypass Capacitance: Approximately 300 pf.

Frequency Range: 500 kc to 2000 Mc. Can be used at frequencies up to 5000 Mc (see VSWR curve), in limited application up to 7000 Mc, and down to 60 cps (with external bypass capacitor).

Crystal: Type 1N23B.

Dimensions: 3-3/4 x 2-1/2 inches (96 x 64 mm).

Net Weight: 5 ounces (140 g).

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