## **OUTPUT** Frequency 10 MHz Level +13 ±2 dBm into 50 ohms **INPUT** Frequency 5 or 10 MHz auto select Level +4 ±3 dBm into 50 ohms output impedence Threshold +0 to 1.0 dBm **STABILITY Aging** 1 x 10<sup>-9</sup> per day, after 24 hours on time Phase Noise L(f), (no external Signal) 10 Hz -125 dBc 100 Hz -155 dBc 1 KHz -165 dBc 10 KHz -165 dBc **Temperature Stability** ±1.5 x 10<sup>-8</sup>, 0° to +50°C (Ref +25°C) **MECHANICAL Dimensions** 2.94 x 1.75 x 1" Connectors Input Connector: BNC female Output Connectors: SMA, and feedthru capacitor **Packaging** Steel can with gasketed access screw and threaded inserts on base **POWER REQUIREMENTS** Warm-Up Power 5 Watts for 5 minutes **Total Power** 2 Watts at +25°C **Supply Voltage** +12 VDC

**ADJUSTMENT** 

Mechanical Tuning ±1 x 10<sup>-6</sup>. minimum **Electrical Tuning** 

**CRYSTAL** 

Status Pin

**OTHER** 

**Switching** 

provided

Tvpe

±1 x 10<sup>-7</sup>. ±5 VDC

10 MHz SC-cut

Internal Oscillator "ON": TTL Low (0V)

Automatic 5 or 10 MHz input drives

Output. Internal reference is

Disabled. No phase locking is

Internal Oscillator "OFF": TTL High (5V)

Negative slope

	REV	DATE	REVISION RECORD	DWN	AUTH
ı	-	02-01-02	Draft	BH	
	Α	04-18-02	Supply Voltage in Drawing	PC	BH



