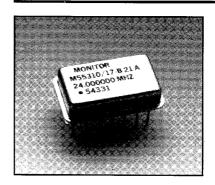
CRYSTAL OSCILLATORS

The most popular crystal oscillators produced today are the low profile and rugged hybrid units such as Monitor's 6600 and 5600 series units. Low assembly cost and the standard dip lead configuration help make these units the preferred choice for both military and commercial applications. Full military screen testing to MIL-0-55310 is available on the 5600 series units. Monitor has many custom oscillator designs such as the 4044, 4095 and 3918 series units. Specific customer requirements are matched with each individual design to assure compatibility in the product. Ovenized oscillators are offered when the stability requirements become too tight for uncontrolled crystal oscillator or TCXO designs.



5600/6600

5600

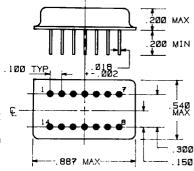
Frequency Range: 0.1MHz - 100MHz Frequency Stability: ±50 ppm/±100ppm Operating Temperature Range: -55°C

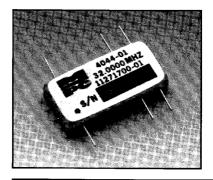
to +125°C

Input Voltage: 5VDC Input Current: 60mA max Output Waveform: TTL Comp. Features: MIL-0-55310

10mA max HCMOS Comp. MIL-0-55310

6600





4044

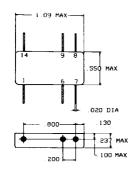
Frequency Range: 5MHz - 80MHz Frequency Stability: ±100ppm Operating Temperature Range: -55°C

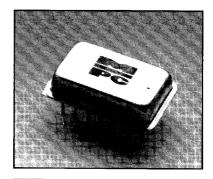
to +125°C

Input Voltage: 5VDC Input Current: 65mA max

Output Waveform: TTL Compatible Features: Surface Mount, External

gate control





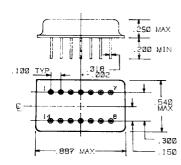
4095

Frequency Range: 2MHz - 24MHz Frequency Stability: ±100ppm

Operating Temperature Range: -55°C to

Input Voltage: 12VDC Input Current: 20mA max

Output Waveform: CMOS Compatible Features: External Reset/Set Capability





3918

Frequency Range: 1MHz - 10MHz Frequency Stability: ±0.1ppm Operating Temperature Range: 0°C

to +55°C

Input Voltage: 28VDC/15VDC Input Current: 125mA/10mA Output Waveform: TTL Compatible

Features: Low profile Oven Controlled Oscillator

