



**Differential Positive ECL (DPECL)  
Fast Edge  
HS-2920 Series**

Rev. J

### Description

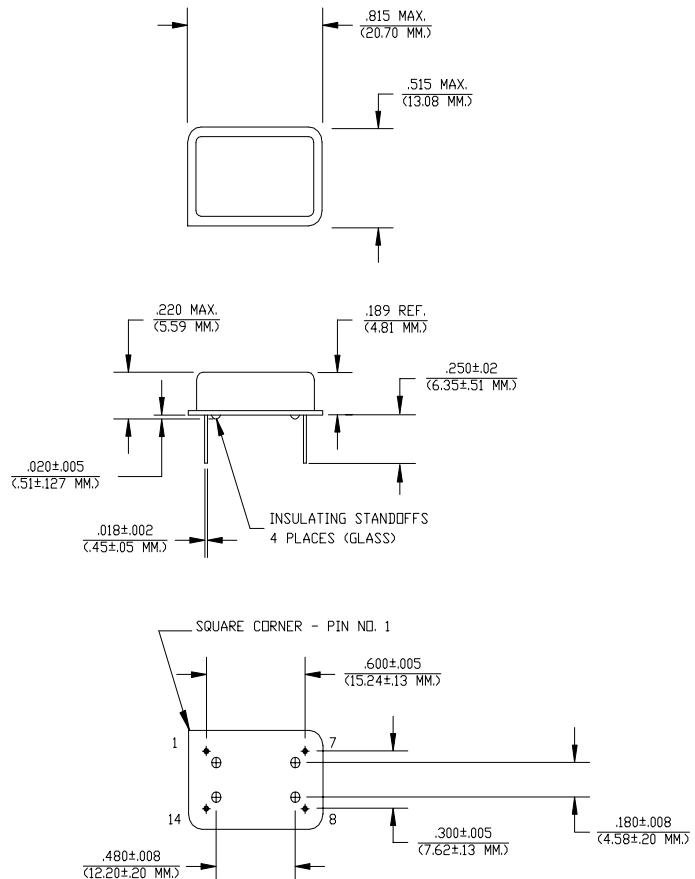
The **HS-2920 Series** of quartz crystal oscillators provide DPECL Fast Edge compatible signals in industry standard four-pin DIP hermetic packages. Systems designers may now specify space-saving, cost-effective packaged PECL oscillators to meet their timing requirements.

### Features

- Wide frequency range—50.0MHz to 200.000MHz
- User specified tolerance available
- Will withstand vapor phase temperatures of 253°C for 4 minutes maximum
- Space-saving alternative to discrete component oscillators
- High shock resistance, to 3000g
- Metal lid electrically connected to ground to reduce EMI
- Fast rise and fall times <600 ps
- Low Jitter
- Overtone technology
- High Q Crystal actively tuned oscillator circuit
- Power supply decoupling internal
- No internal PLL avoids cascading PLL problems
- High frequencies due to proprietary design
- Gold plated leads - Solder dipped leads available upon request
- RoHS Compliant, Lead Free Construction (unless solder dipped leads are supplied)

### Electrical Connection

Pin	Connection
1	Output Complement
7	V <sub>EE</sub> /Ground
8	Output
14	V <sub>CC</sub>



Dimensions are in inches and (MM)

