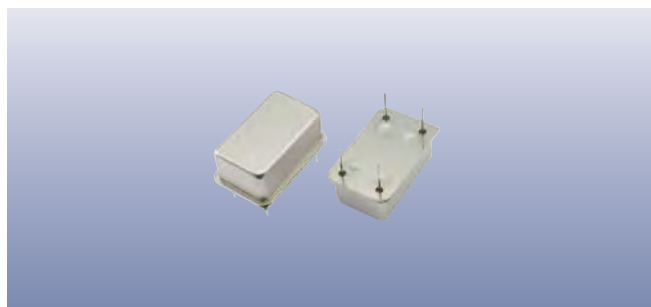


PIN	CONNECTION
1	Ground
7	Ground
8	Output
14	Supply

Features

- ▶ Stratum 3 compliant
- ▶ Compact 14-pin DIL package (SMD optional)
- ▶ 5.0V supply voltage
- ▶ HCMOS compatible output
- ▶ Very fast warmup
- ▶ Low power consumption
- ▶ Wide temperature range available

Specifications

Parameters	Product OCXOVST	Option Codes
Frequency range: 10.0kHz ~ 54.0MHz	■	
Frequency stability: ±4.6ppm max overall (Including 15 years ageing)	■	
Holdover stability (24hrs): ±0.28ppm max (0.56ppm p-p) (Incl load, supply and temp variation)	■	
Internal calibration: ±1.0ppm max	■	
Operating temperature range: 0 to +70°C -40 to +85°C	□ □	D C
Operable temperature range: -40 to +85°C	■	
Storage temperature range: -65 to +125°C	■	
Output waveform: HCMOS compatible '0' = +0.4V max, '1' = V _{DD} - 0.5V min 45:55 max	■ ■ ■	
Rise / fall times: 7ns / 7ns max	■	
Frequency adjustment: None (pin 1 ground) Via control voltage (pin 1)	■ □	specify
Supply voltage (V_{DD}): +5.0V (±0.20V)	■	
Input current: 80mA max @ +30°C 120mA max @ -20°C	■ ■	
Warm up: within spec after 30s @ 0°C current 250mA max during 10s	■ ■	
Phase noise (typ @ 10MHz): -100dBc/Hz @ 10Hz -130dBc/Hz @ 100Hz -140dBc/Hz @ 1kHz -145dBc/Hz @ 10kHz	■ ■ ■ ■	
Shock & vibration: 2,000G, 0.3ms ½-sine 10.0 ~ 2,000Hz, 10G	■ ■	
Package: Through hole 14 pin DIL 25x22mm SMD carrier PCB Formed leads SMD	■ □ □	D1 D2

■ Standard. □ Optional - Please specify required code(s) when ordering

Ordering Information

Product name + option codes + frequency

eg: **OCXOVST/D 12.80MHz**

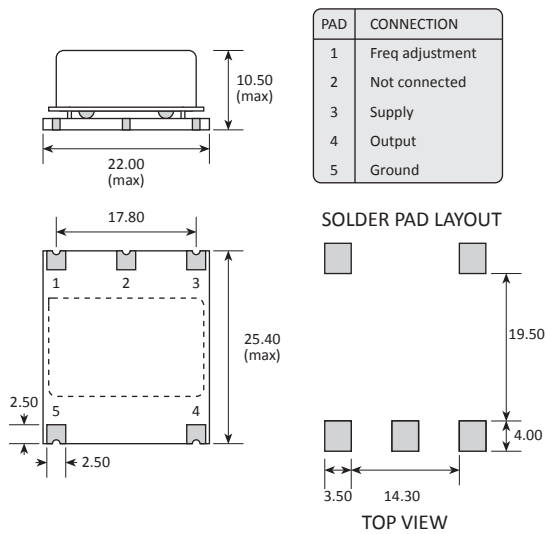
OCXOVST/C 19.440MHz

Option code X (eg OCXOVST/X) denotes a custom spec.

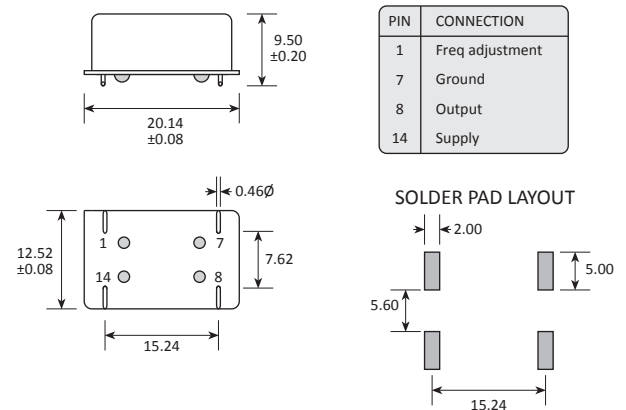
♦ Product is NOT designed to withstand 260°C reflow processing



Option D1



Option D2



Soldering Profile

