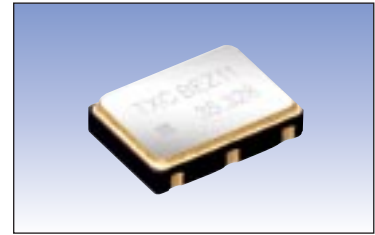


### 7 x 5 mm SMD SEAM SEALED VCXO TYPE / 6U SERIES

■ **Features**

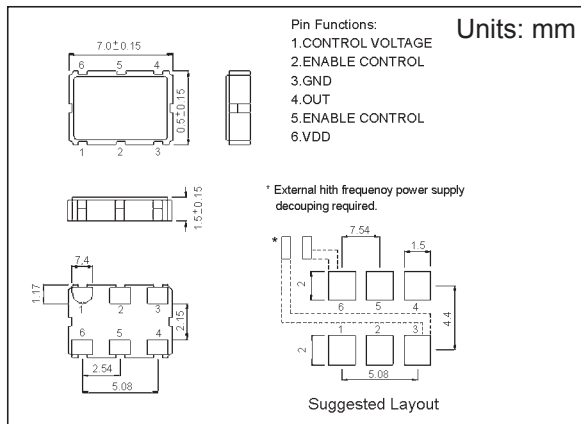
- SMD type voltage controlled clock crystal oscillator units.
- Frequency adjustable by external voltage.
- Excellent linear frequency pullability characteristics.
- Optionable stand-by function for output: Tri-state output.
- Supply Voltage Range: 3.3 V ~ 5 V
- High stability, low jitter, and low power consumption.
- Main applications: ADSL, Set-top Box, and BS.
- Lead free parts.



■ **Electrical Specifications**

Item	Type	6U
Output Load (CMOS)		15 pF
Supply Voltage		3.3 V, 5 V
Frequency Range		1 ~ 200 MHz
Frequency Stability		± 25ppm, ± 50ppm, ± 100ppm
Operating Temperature Range		-10 ~ +70°C, -40 ~ +85°C
Storage Temperature Range		-55 ~ +125°C
Voltage Vol (Max.) / Voh (Min.)		0.1 VDD / 0.9 VDD
Rise (Tr Max.) / Fall (Tf Max.) Time		5 ns Max.
Supply Current		45 mA Max.
Symmetry		40 ~ 60%
Start-up Time		10 ms Max.
Frequency Pulling Range		± 100ppmMin, or specify
Nominal Control Voltage		0.5 VDD
Control Voltage Range		0.1 VDD / 0.9 VDD
Linearity		± 10 % Max.
Phase Jitter (12 KHz ~ 20 MHz)		10 ps Max.
Aging (at 25 °C)		± 3 ppm / year Max.

■ **Dimensions**



■ **Reflow Condition**

