

## 7 x 5mm Programmable LVPECL Oscillator

- Industry-standard 7 x 5mm package
- Wide frequency range 150MHz to 700MHz
- Factory programmable for quick delivery
- Supply voltage 3.3Volts
- Tristate function



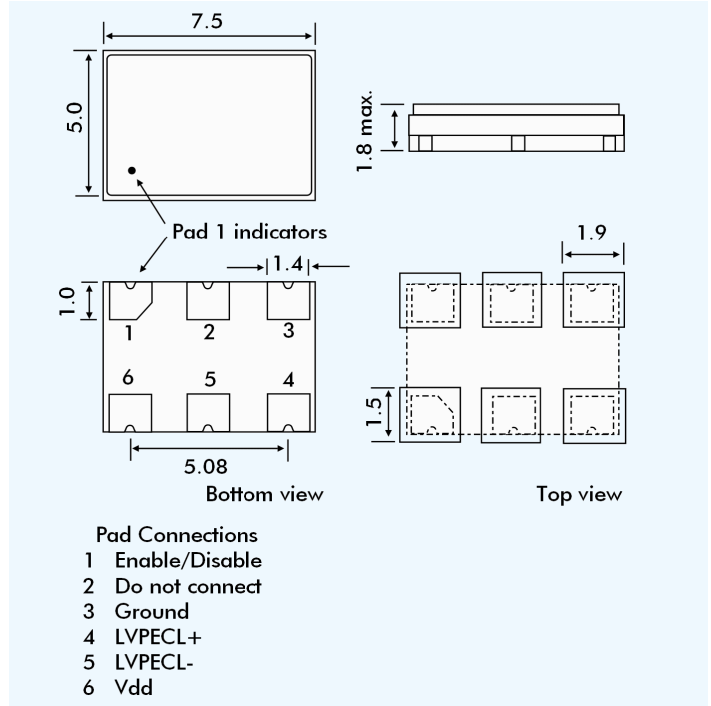
### DESCRIPTION

XOPL72 programmable oscillators provide a high frequency, differential output LVPECL signals in a miniature, low-profile and industry-standard 7 x 5mm package. As such the parts are ideal for applications including serial communications, routers, switches, WAN interfaces and test equipment. The factory programmable parts ensure quick delivery to customer's requirements.

### SPECIFICATION

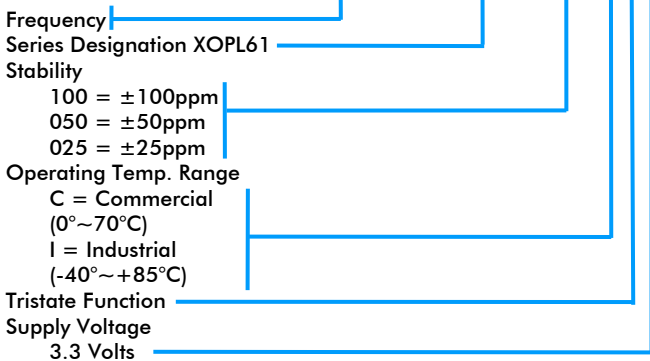
Frequency Range:	150.0MHz to 700.0MHz
Frequency Stability	
Commercial:	±25ppm to ±100ppm 0° to +70°C
Industrial:	±25ppm to ±100ppm -40° to +85°C
Supply Voltage:	+3.3 Volts ±5%
Operating Temperature:	From -40° to +85°C
Storage Temperature:	-55° to +125°C
Symmetry:	45/55%
Start-up Time:	3ms typical, 10ms maximum
Ageing:	±5ppm in first year of use
Static Discharge Voltage:	2000V
Supply Current:	130mA maximum
Short Circuit Current:	50mA typical
Jitter (RMS) Period:	10ps
Output Voltage	
VOH:	Vdd-1.025 Volts minimum
VOL:	Vdd-1.62 Volts maximum
Rise/Fall Time:	0.6ns typical, 1.5ns maximum

### OUTLINE & DIMENSIONS



### PART NUMBERING

Example: **420.00MHz XOPL72025CTA**



### SOLDER TEMPERATURE PROFILE

