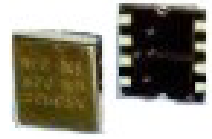


## 11.4 x 9.6mm Programmable LVPECL Oscillator

- SMD 11.4 x 9.6mm package
- Frequency range 1MHz to 133MHz
- Factory programmable for quick delivery
- Supply voltage 5.0 Volts or 3.3 Volts



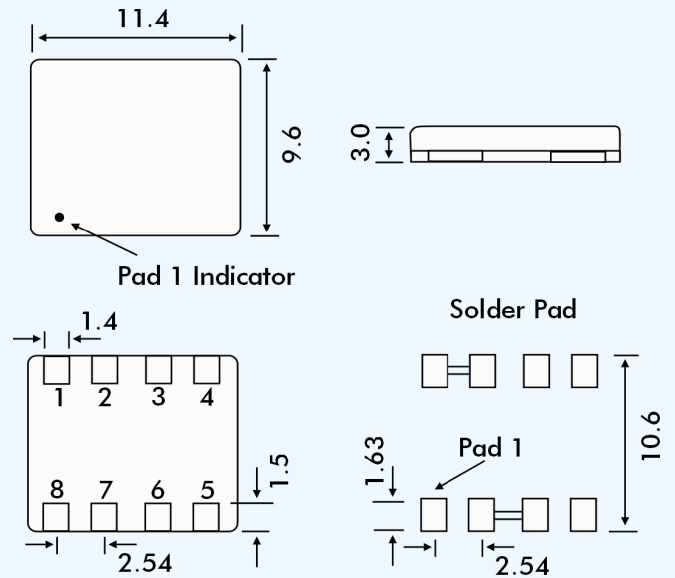
### DESCRIPTION

XOPL71 programmable oscillators provide differential output LVPECL signals in a miniature, low-profile 11.4 x 9.6mm 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:	1.0MHz to 133.0MHz
Frequency Stability	
Commercial:	±50ppm or ±100ppm 0° to +70°C
Industrial:	±50ppm or ±100ppm -40° to +85°C
Supply Voltage:	+5.0 Volts±5% or +3.3 Volts ±5%
Operating Temperature	
Commercial:	0° to +70°C
Extended Commercial:	-20° to +70°C
Industrial:	-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:	40mA maximum
Output Voltage:	PECL
Rise/Fall Time:	0.6ns typical, 1.5ns maximum

### OUTLINE & DIMENSIONS



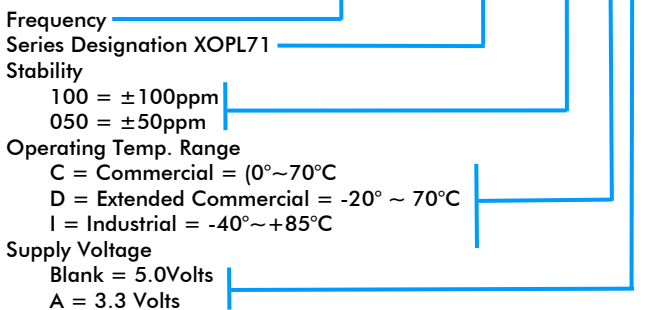
#### Pad Connections

- 1 Not connected
- 2 Connected to Pad 3
- 3 Connected to Pad 2
- 4 Ground
- 5 PECL-
- 6 PECL+
- 7 Supply Voltage
- 8 Supply Voltage

Note: Pad 2&3 connected  
Pad 7&8 connected

### PART NUMBERING

Example: 100.00MHz XOPL71 050CA



### SOLDER TEMPERATURE PROFILE

