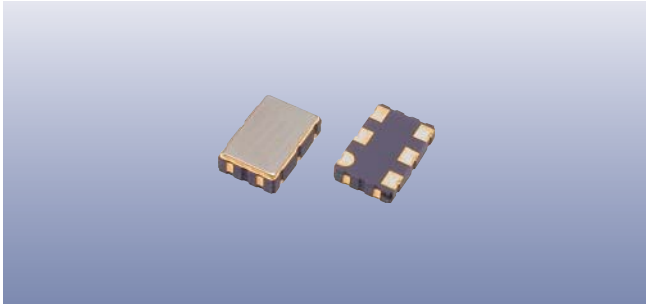




Product Description

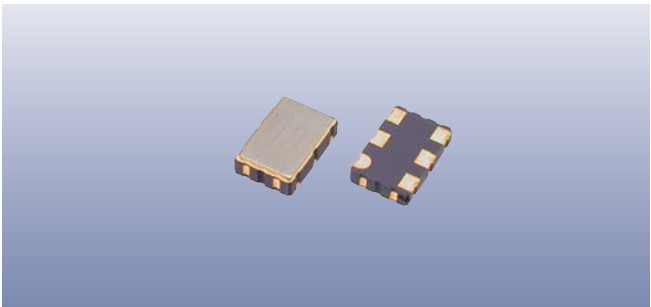
Description:	148.50MHz GVXO-L76L/CI VCXO
Product family:	GVXO-L76L
Category:	VCXO
Order code:	MP11439

Additional Information

For dimensions, refer to package drawing: **D0389-A**

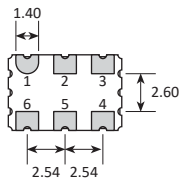
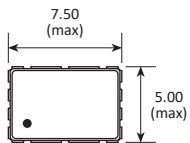
Electrical Specifications

Parameter	Value	Notes
Nominal frequency:	148.50MHz	
Frequency stability:	±25ppm max	Inclusive of operating temperature range, supply voltage change & first year ageing, with $V_{CTL} = +1.65V$.
Frequency pullability:	±130ppm min	
Voltage control (V_{CTL}):	+1.65V ±1.50V	10% linearity
Operating temperature range:	-40 to +85°C	
Storage temperature range:	-40 to +85°C	
Supply voltage:	+3.3V	±5%
Supply current:	60mA max	
Output:	LVDS	
Waveform symmetry:	45:55 max	@50% $V_{p,p}$
Rise/fall times:	1.0ns max	20% to 80% $V_{p,p}$
Phase jitter:	3ps max	12kHz ~ 20MHz
Offset voltage:	+1.25V typ	
Differential output voltage:	+0.35V typ	

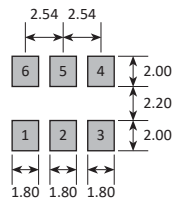


Product Family
GVXO-E76, GVXO-L76
Construction
 Ceramic body with gold-plated pads
 Metal lid, seam sealed

Dimensions (mm)



SOLDER PAD LAYOUT



TOP VIEW

PAD	CONNECTION
1	Control voltage
2	Enable / disable
3	Ground
4	Output 1 (Q)
5	Output 2 ($\bar{Q}$)
6	Supply