

Product Description

Description:	50.0MHz GXO-U120L/AI SM Oscillator
Product family:	GXO-U120
Category:	SM Oscillator
Order code:	MP10968

Features

- ▶ Ceramic package with metal lid
- ▶ Enable / disable tristate function

Additional Information

For further information regarding packaging, construction, material composition, soldering profile and environment, please refer to **GXO-U120 Product Information sheet**

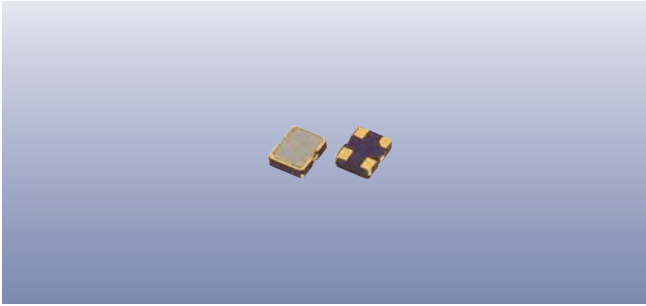
For dimensions, refer to package drawing: **D0357-A**

Electrical Specifications

Parameter	Value	Notes
Nominal frequency:	50.0MHz	
Frequency stability:	±25ppm	
Operating temperature range:	-40 to +85°C	
Storage temperature range:	-55 to +125°C	
Supply voltage (V_{DD}):	+3.3V	±5%
Supply current:	20mA max	
Driving ability:	15pF CMOS	
Logic levels:	'0' level = 10% V_{DD} max '1' level = 90% V_{DD} min	
Start up time:	5ms max	
Waveform symmetry:	45:55% max	@50% V_{DD}
Rise / fall time:	5ns max	
Stand-by current:	10µA max	

Enable / Disable Function

Input (pad 1)	Output (pad 3)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance



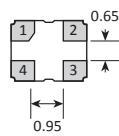
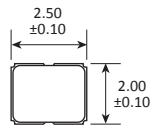
Product Family

GXO-U120, GXO-3200

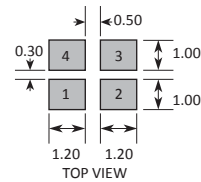
Construction

- ▮▮▮▮ Ceramic body with gold-plated pads
- ▮▮▮▮ Metal lid, seam sealed

Dimensions (mm)



SOLDER PAD LAYOUT



PAD	CONNECTION
1	Enable/Disable
2	Ground
3	Output
4	Supply