

## Product Description

Description:	32.7680kHz GTXO-94L SM TCXO
Product family:	GTXO-94
Category:	SM TCXO
Order code:	MP06734

## Features

- ▶ Ultra-low current consumption
- ▶ ±5ppm frequency stability
- ▶ Industrial temperature range

## Additional Information

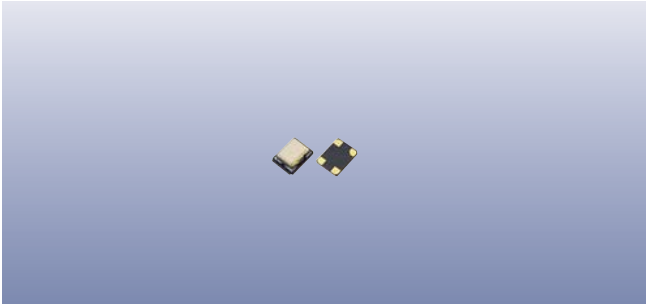
For dimensions, refer to package drawing: **D0366-A**

## Electrical Specifications

Parameter	Value	Notes
Nominal frequency:	32.7680kHz	
Calibration tolerance:	±1.5ppm max	@25°C ±3°C
Temperature stability:	5.0ppm max	
Supply voltage stability:	±0.2ppm max ±1.0ppm/V max	V <sub>DD</sub> ±5%
Load stability	±0.2ppm max	
Operating temperature range:	-40 to +85°C	
Storage temperature range:	-55 to +85°C	
Supply voltage (V <sub>DD</sub> ):	3.3V	±5%
Supply current:	1.0µA typ, 2.0µA max	No load
Driving ability:	15pF CMOS	
Logic levels:	'0' level = 0.4V max '1' level = V <sub>DD</sub> - 0.4V min	
Waveform symmetry:	40:60 @50%V <sub>DD</sub> typ	
Rise/fall time:	100ns max	
Start up time:	1s max 3s max	@25°C Over -40 to +85°C
Ageing:	±3.0ppm max	1st year
Reflow:	±1.0ppm max	@25°C, 24hrs after reflow.
Timing error:	±0.432s max ±12.96s max ±2.628mins max	1 day 1 month 1 year

## Enable / Disable Function

Input (pad 1)	Output (pad 3)
'1' level V <sub>IH</sub> = 80%V <sub>DD</sub> min '0' level V <sub>IL</sub> = 20%V <sub>DD</sub> max	Enabled Disabled



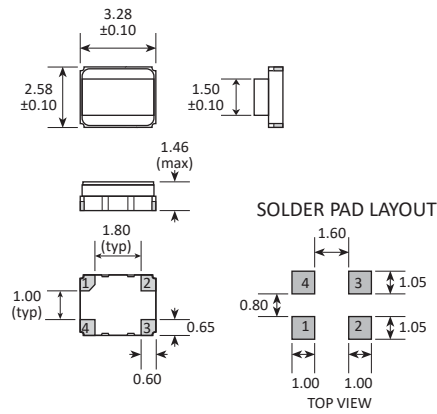
## Product Family

GTXO-94

## Construction

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

## Dimensions (mm)



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