





PAD	CONNECTION
1	Freq adjustment
2	Ground
3	Output
4	Supply

Features

-  **Wide voltage control range**
-  **2.0mm maximum height**
-  **Low power consumption**
-  **Good frequency stability**

Ordering Information

Product name + variant + option codes (if any) + frequency
 eg: **GTXO-570A 12.8MHz**
 Option code X (eg GTXO-570A/X) denotes a custom spec.

- ◆ Available on T&R - 2k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.
- ◆ Trimmer tool available. Ask for our part number MA06805.

Specifications

GTXO-570A: ±2.5ppm stability, ±20ppm pullability

GTXO-570B: ±5.0ppm stability, ±40ppm pullability

GTXO-570C: ±10.0ppm stability, ±60ppm pullability

Parameters	Variant			Option Codes
	A	B	C	
Frequency range: 9.60 ~ 22.0MHz 9.60 ~ 40.0MHz	■	■	■	
Frequency stability: ±2.5ppm ±5.0ppm ±10.0ppm Other values	■	■	■	specify
Operating temperature range: -30 to +75°C -20 to +70°C Other values	■	■	■	specify
Storage temperature range: -30 to +85°C	■	■	■	
Frequency vs supply voltage: ±0.3ppm max (V _{DD} ±5%) ±0.5ppm max (V _{DD} ±5%) ±1.0ppm max (V _{DD} ±5%)	■	■	■	
Ageing (max): ±1.0ppm per year ±2.0ppm per year ±3.0ppm per year	■	■	■	
Supply voltage (V_{DD}): +5.0V (±5%) +3.3V (±5%) +3.0V (±5%) (3.0V not available above 28.0MHz)	■ □ □	■ □ □	■ □ □	M L
Supply current: 2.0mA max (Sine output) 15.0mA max (HCMOS output)	■ □	■ □	■ □	
Output waveform: Clipped sine, 0.7V p-p Test load 10kΩ // 10pF HCMOS / 5 LSTTL (HCMOS not available with V _{DD} =3.0V)	■ ■ □	■ ■ □	■ ■ □	H
Frequency adjustment: ±3ppm min by internal trimmer (only available up to 22MHz) ±20.0ppm min via control voltage ±40.0ppm min via control voltage ±60.0ppm min via control voltage Other values	□ ■ □	■ ■ □	■ ■ □	T specify
Control voltage range: +2.5V ±2.0V (5.0V supply) +1.65V ±1.35V (3.3V supply) +1.5V ±1.0V (3.0V supply)	■ □ □	■ □ □	■ □ □	
Startup time: 4ms max	■	■	■	
Preset frequency: ±0.5ppm / +25°C ±2°C ±1.0ppm / +25°C ±2°C ±10ppm / +25°C ±2°C	■	■	■	

■ Standard. □ Optional - Please specify required code(s) when ordering

NOTE: Some combinations of specifications are not available. Please check with our sales office before designing or ordering.