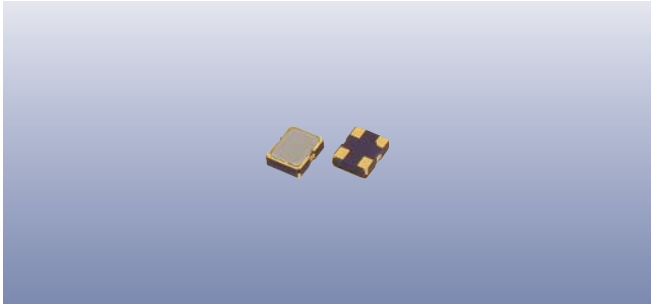
Specification

Part No: MP10672



Product Description

Description:	24.0MHz GXO-U120G/BI SM Oscillator
Product family:	GXO-U120
Category:	SM Oscillator
Order code:	MP10672

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

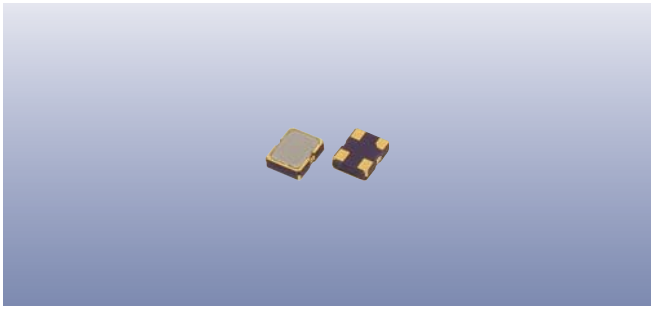
Parameter	Value	Notes
Nominal frequency:	24.0MHz	
Frequency stability:	±50ppm	
Operating temperature range:	-40 to +85°C	
Storage temperature range:	-55 to +125°C	
Supply voltage (V_{DD}):	+1.8V	±5%
Supply current:	7mA max	
Driving ability:	15pF CMOS	
Logic levels:	'0' level = 20%V_{DD} max '1' level = 80%V_{DD} min	
Start up time:	10ms max	
Waveform symmetry:	40:60% max	@50% V_{DD}
Rise / fall time:	5ns max	
Stand-by current:	10µA max	

Enable / Disable Function

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

Product Information

GXO-U120



Construction

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

Composition

This product is lead-free, and is fully compliant with current RoHS directives

RoHS

Pb LeadFree

Packaging & Handling

Production quantities supplied on T&R, 3k pcs per reel.
Small quantities may be supplied on tape (no reel), or in bulk.

- Static sensitive product. Observe proper handling precautions

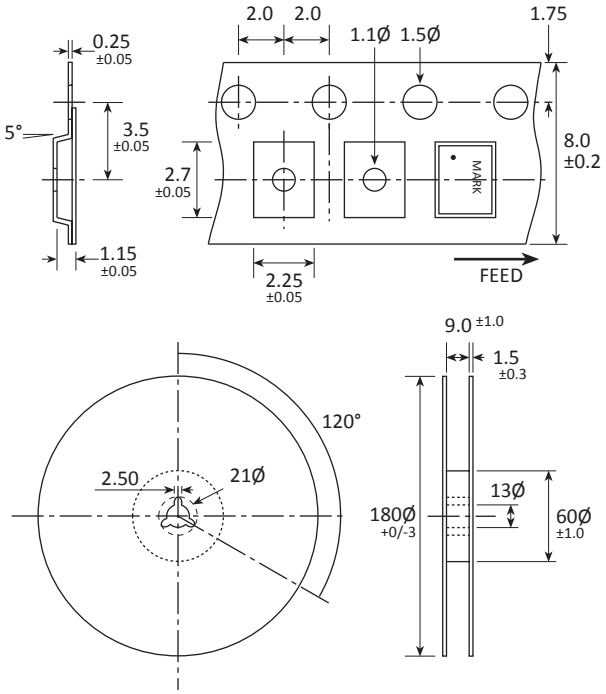
Marking

FREQUENCY
DC

Marking type: Laser
DC = Date code in YM, eg "FB" = Feb 2016

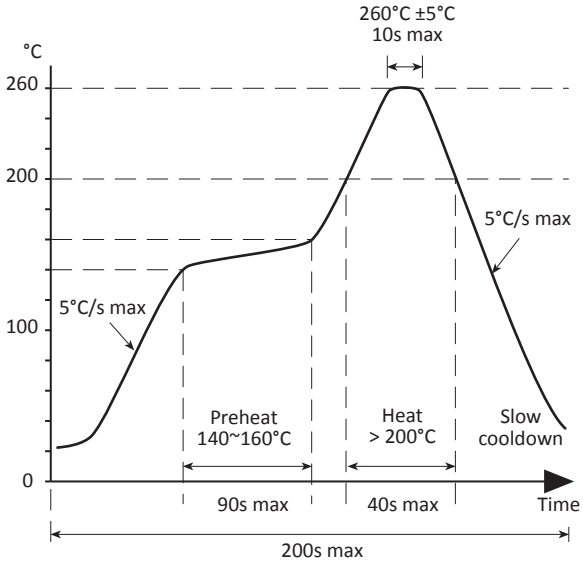
	A	B	C	D	E	F	G	H	J	K	L	M
Y	1	2	3	4	5	6	7	8	9	0		
M	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

Tape & Reel Specification



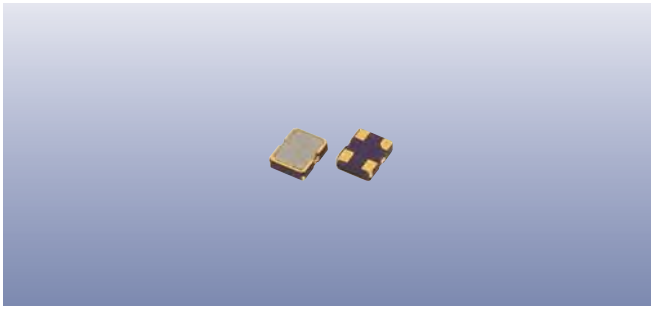
Not to scale. Dimensions in mm. Tolerances ±0.1mm unless otherwise stated.

Soldering Profile



Package Drawing

D0357-A



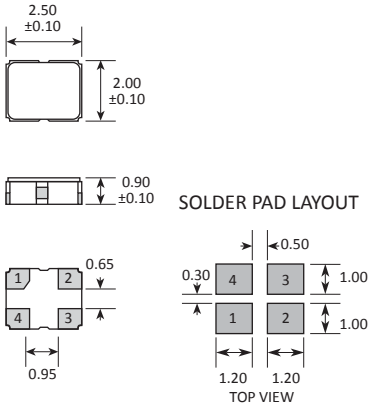
Product Family

GXO-U120, GXO-3200

Construction

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

Dimensions (mm)



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

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