

Product Description

Description:	26.0MHz GSX-333/124AF Crystal
Product family:	GSX-333
Category:	SM Quartz Crystal
Order code:	MP10268

Features

- ▶ Metal lid can be grounded to minimise EMI
- ▶ Seam sealed for excellent long-term stability
- ▶ Ultra-miniature for maximum space saving

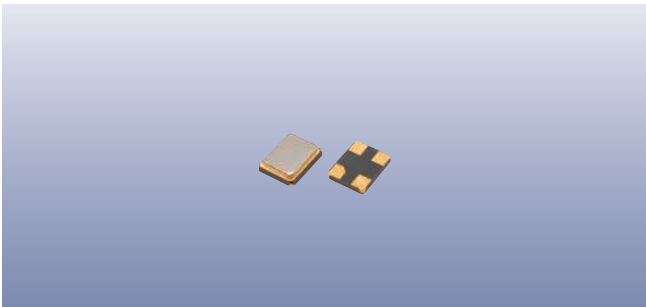
Additional Information

For further information regarding packaging, construction, material composition, soldering profile and environment, please refer to **GSX-333 Product Information sheet**

For dimensions, refer to package drawing: **D0262-A**

Electrical Specifications

Parameter	Value	Notes
Nominal frequency:	26.0MHz	
Calibration tolerance:	±10ppm	@25°C
Temperature stability:	±20ppm	
Operating temperature range:	-40 to +85°C	
Operable temperature range:	-40 to +90°C	
Circuit condition (C _L):	10pF	
Oscillation mode:	Fundamental	
Equivalent series resistance:	50Ω max	
Drive level:	10μW typ, 100μW max	
Static capacitance (C ₀):	2pF max	
Ageing:	±3ppm	First year
Pullability:	10ppm/pF min	



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



Packaging & Handling

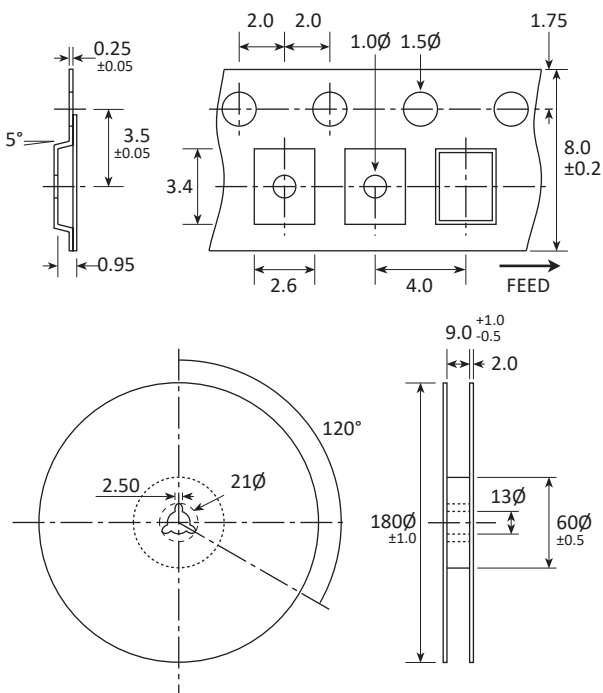
Production quantities supplied on T&R, 3k pcs per reel.
Small quantities may be supplied on tape (no reel), or in bulk.

Marking

FREQUENCY
T DC

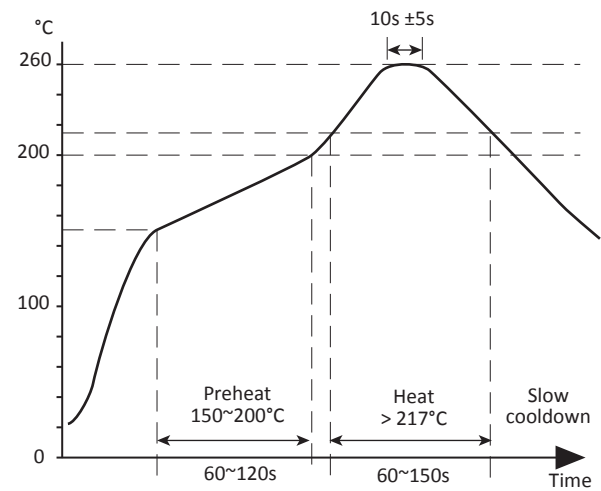
Marking type: Laser
DC = Date code

Tape & Reel Specification

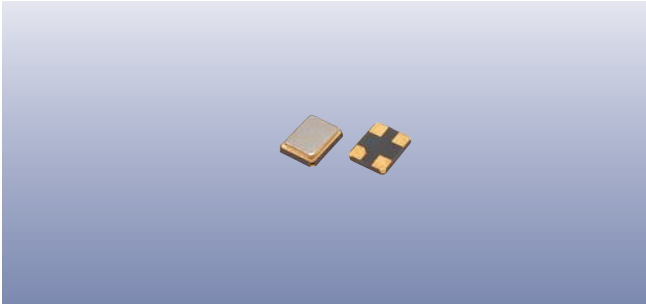


Not to scale. Dimensional tolerances ±0.1mm unless otherwise stated.

Soldering Profile



Maximum solder resistance: 260°C x 10 secs x 2.



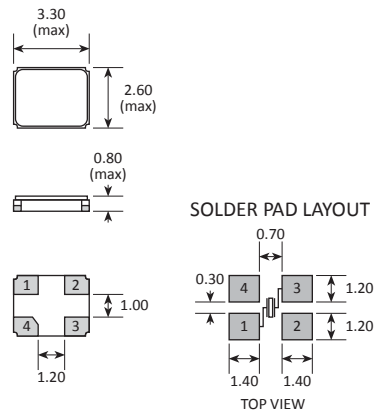
Product Family

GSX-333

Construction

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- ▮▮▮▮▮▮ Metal lid, seam sealed

Dimensions (mm)



PAD	CONNECTION
1	Crystal
2	Ground & lid
3	Crystal
4	Ground & lid

NOTE: Chamfer normally on pad 4, but may alternatively be supplied on pad 1.