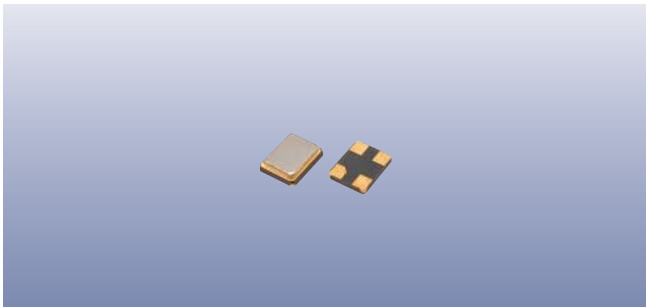




Product Description

Description:	25.0MHz GSX-333/334EF SM Crystal
Product family:	GSX-333
Category:	SM Quartz Crystal
Order code:	MP04907

Features

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

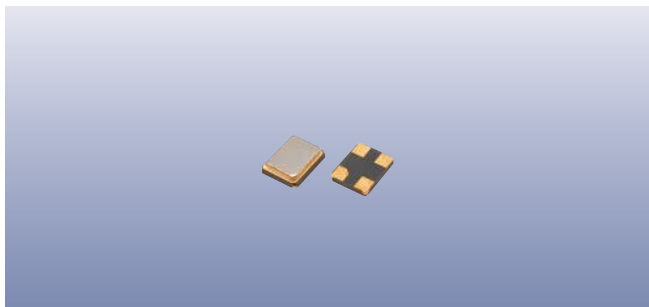
Additional Information

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:	25.0MHz	
Calibration tolerance:	±30ppm max	At 25°C ±3°C
Temperature stability:	±30ppm max	Referred to frequency at 25°C
Operating temperature range:	-40 to +85°C	
Storage temperature range:	-40 to +85°C	
Circuit condition (C_L):	18pF	
Oscillation mode:	Fundamental	
Equivalent series resistance:	40Ω max	
Test drive level:	100μW typ, 400μW max	
Static capacitance (C_0):	5pF max	



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

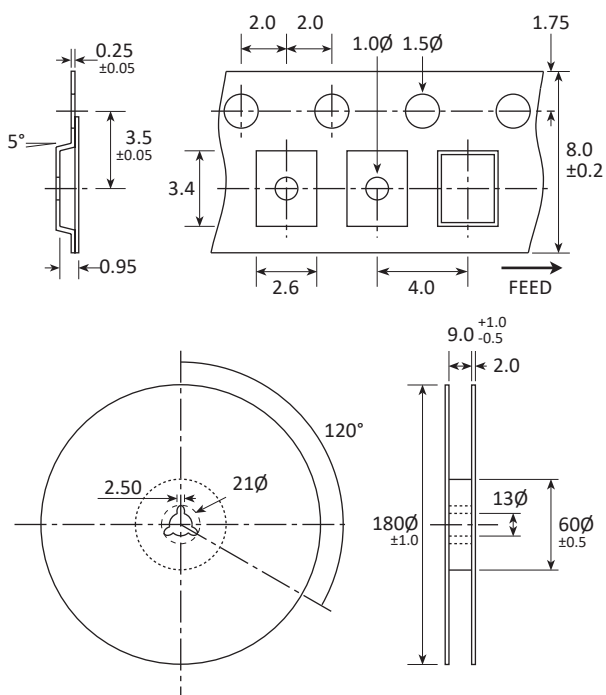
Production quantities supplied on T&R, 3k pcs per reel.
Small quantities may be supplied on tape (no reel), or in bulk.

Marking

FREQUENCY
T DC

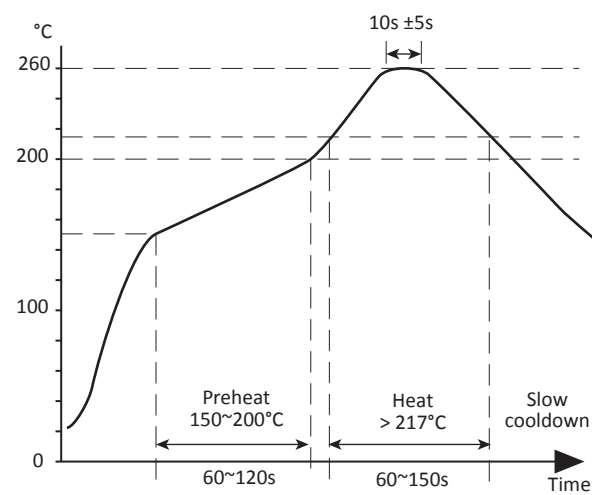
Marking type: Laser
DC = Date code

Tape & Reel Specification

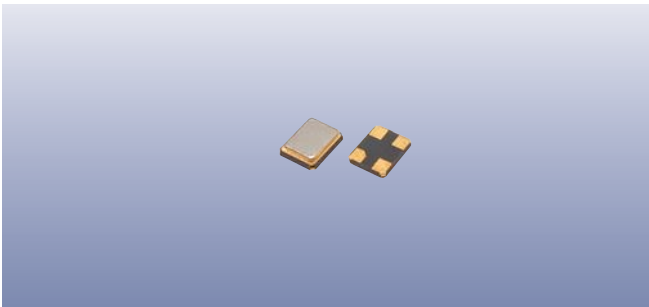


Not to scale. Dimensional tolerances ±0.1mm unless otherwise stated.

Soldering Profile



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



Product Family

GSX-333

Construction

 Ceramic body with gold-plated pads

 Metal lid, seam sealed

Dimensions (mm)

