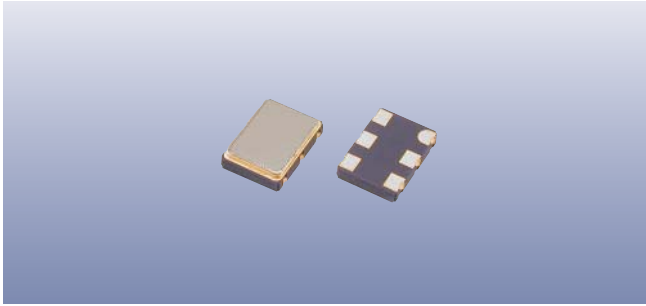




Product Description

Description:	45.15840MHz GVXO-533/SB SM VCXO
Product family:	GVXO-533
Category:	VCXO
Order code:	MP06568

Additional Information

For further information regarding packaging, construction, material composition, soldering profile and environment, please refer to **GVXO-533 Product Information sheet**

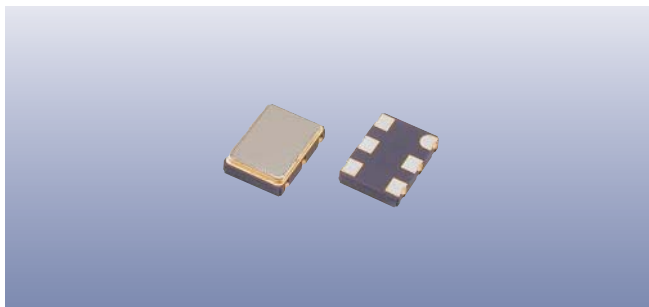
For dimensions, refer to package drawing: **D0342-A**

Electrical Specifications

Parameter	Value	Notes
Nominal frequency:	45.15840MHz	
Frequency stability:	±50ppm max	
Frequency pullability:	±100ppm min	$V_{CONT} = 1.65V \pm 1.5V$, 10% linearity.
Operating temperature range:	-10 to +70°C	
Storage temperature range:	-40 to +85°C	
Supply voltage:	+3.3V	±5%
Supply current:	25mA max	
Driving ability:	15pF CMOS	
Logic levels:	'0' level = 10% V_{DD} max '1' level = 90% V_{DD} min	
Waveform symmetry:	40:60 max	@50% V_{DD}
Rise/fall times:	5ns max	20% ~ 80% V_{DD}
Start up time:	10ms max	

Enable / Disable Function

Input (pad 2)	Output (pad 4)
Open	Enabled
'1' level	Enabled
'0' level	High Impedance



Packaging & Handling

Production quantities supplied on T&R, 2k pcs per reel.
Small quantities may be supplied on tape (no reel), or in bulk.



♦ Static sensitive product. Observe proper handling precautions

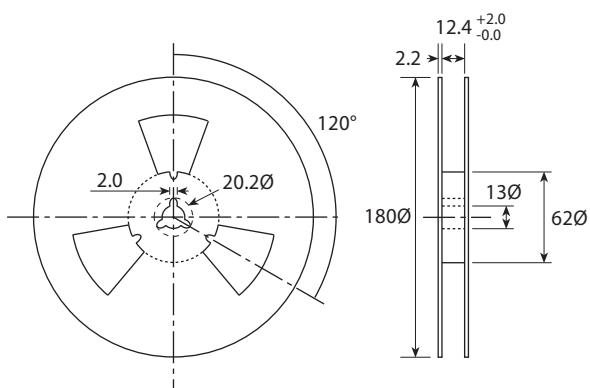
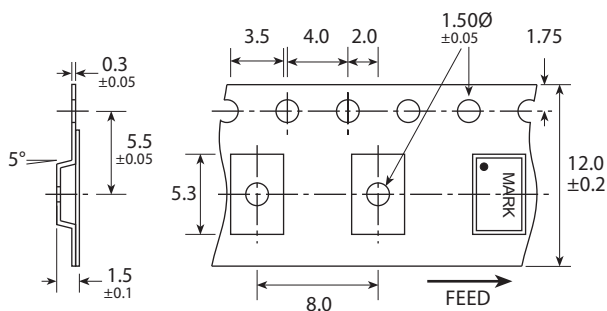
Marking

FREQUENCY
PARTNO
DC

- Pin 1
- Marking type: Laser
- DC = Date code in YM, eg "CE" = May 2013

	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 ± 0.1 mm unless otherwise stated

Construction

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

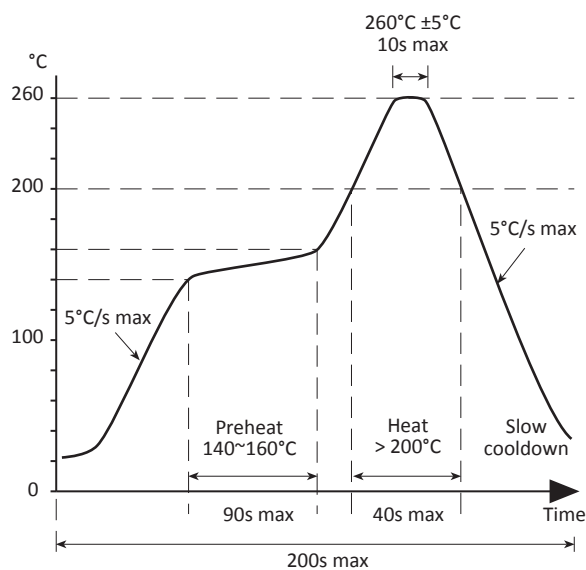
Composition

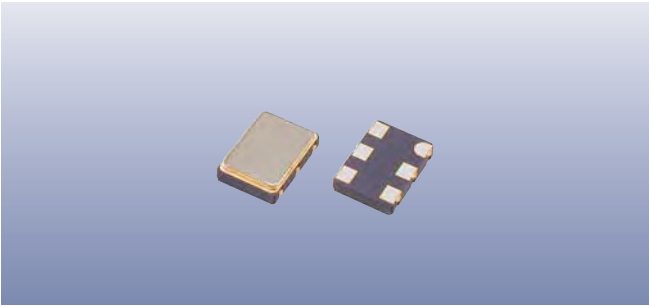


This product is lead-free, and is fully compliant with the RoHS 2 directive 2011/65/EU



Soldering Profile





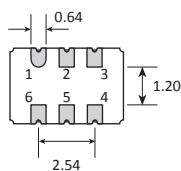
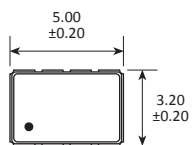
Product Family

GVXO-533

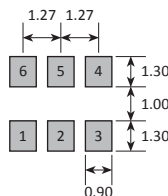
Construction

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

Dimensions (mm)



SOLDER PAD LAYOUT



TOP VIEW

PAD	CONNECTION
1	Control voltage
2	Enable / disable
3	Ground
4	Output
5	Not connected
6	Supply