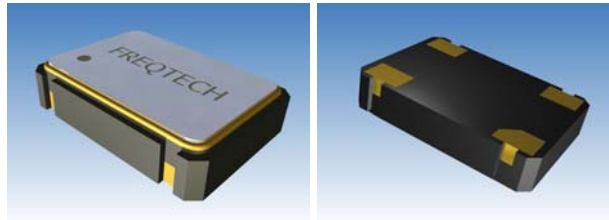


FREQTECH[®]
 your first and second source

FT20B

3,3V SMD Oscillator – package: ceramic base with metal cover
 rohs complant

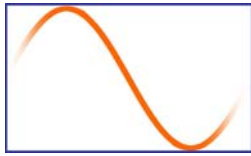


Electrical specifications

Parameter	Condition	Availability	Standard
Frequency range		12,0 ~ 45,0 MHz	
Frequency stability	@ -20°C ~ +70°C		+/- 10 ppm
Operating temperature range			-20 ~ +70 °C
Storage temperature range			-55 ~ +125 °C
Power supply voltage			3,3 V +/-10%
Aging (1 st year)	@ 25°C +/-3°C		+/- 5,0 ppm
Supply current	12,0-19,99 MH 20,0-31,99 MH 32,0-45,0 MHz		7 mA max. 12 mA max. 20 mA max.
Output symmetry	@ ½ Vdd		40/60 %
Rise time	10%Vdd ~ 90% Vdd		8 ns max.
Fall time	90% Vdd ~ 10% Vdd		8 ns max.
Output load	HCMOS load		15 pF max.
Start up time			10 ms max.
Pin 1, tristate function		Pin 1=H or open / output active at Pin 3 Pin 1=L...high impedance at Pin3	

Pin connection

Pin	Connection	Pin	Connection
1	tristate / NC	3	Output
2	GND	4	3,3V dc

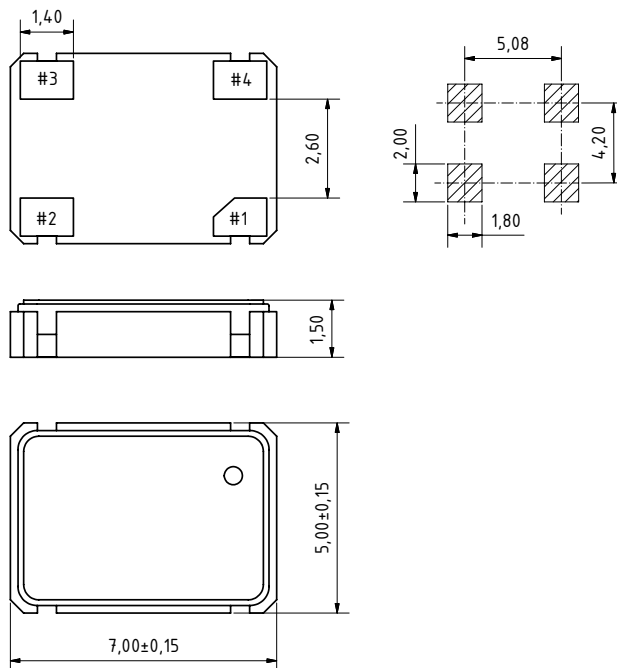


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rohs compliant

Mechanical dimensions (mm)



Ordering key

Type	- frequency	/ frequency stability	- output load	/ operating teperature	/ option
FT20B	value in MHz	value in ppm	-	-	-