



# General Electronic Devices

Makers of active and passive components  
 Quartz Crystal \* Oscillators \* Synthesizer \* Filters  
 Micro-Hybrid Assembly Services

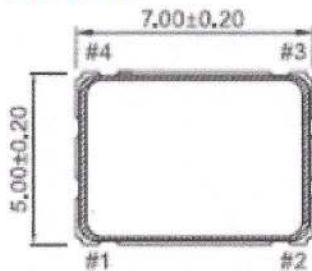
## SMD100C-32.768KHz

### 1. ELECTRICAL CHARACTERISTICS

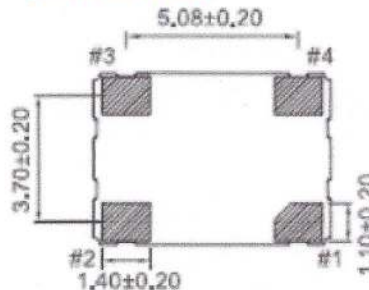
Parameter	Value
Holder Style	7.0x5.0mm SMD oscillator
Frequency	32.7680KHz
Frequency stability ( Stability vs temp,vs supply variations,vs load variations,calibration & aging)	± 25ppm
Supply Voltage	5.0±10%VDC
Output waveform	CMOS
Operating Temp. Range	-10~70°C
Storage Temp.Range	-55~+125°C
Symmetry	45%/55%(min/max)
Output load	15pF
Standby Current Consumption	10uA (max)
Start up time	5ms (max)
Rise/Fall time	45ns( max)
Aging	± 5ppm(@25°C 1 <sup>st</sup> year)

### 2. DIMENSION:(unit:mm)

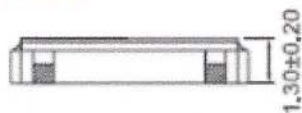
[TOP VIEW]



[BOTTOM VIEW]



[SIDE VIEW]



Pin#	Function
1	NO CONNECT
2	GND
3	OUTPUT
4	VDD



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