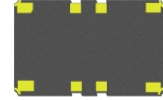


MHZ Crystals Units

Frequency Range: 10.00MHz~52.00MHz

Features:

- High Reliability, Low Cost Crystal
- Tight Stability & Extended Temperature Available
- Lead-free Type
- Automotive Applications, please contact our sales representative



ISO/TS 16949:2002
SGS CERT.NO.CN04 / 036272

Actual size



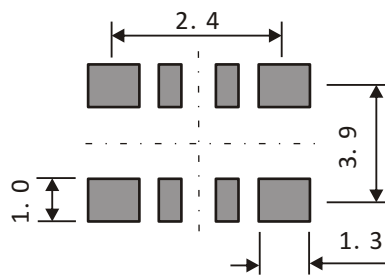
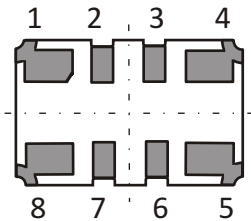
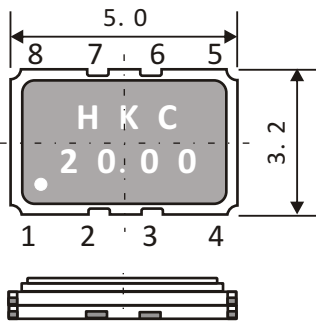
Standard Specification

Frequency range	10.00~52.00MHz
Supply Voltage	2.8V±0.14V
Storage temperature range	-40 to +85°C
Operating temperature range	-30 to +85°C
Frequency Tolerance	±2.0 ppm Max
Frequency aging	±1.0 ppm Max
Current consumption	2.0 mA Max
Output level	0.8V Min
Output load condition	10kΩ // 10pF

Note:

1. Manufacturer reserves the right to change the specification and content of this product for improvement without notification.
2. Custom specification is welcome. Please contact our sales representative for further details.
3. If the crystal is intended for applications which have direct impact on human life and properties, and require a high degree of reliability and safety concerns, customers must provide full information such as but not limit to the application, electrical and reliability specification at the inquiry beginning stage.

Dimensions (mm) and Solder Pad Layout (mm)



RECOMMENDED LAND PATTERN

Pin	Connection
1	V.C
2	N.C
3	N.C
4	GND
5	OUTPUT
6	N.C
7	N.C
8	V _{DD}

Please build and send to us your Inquiry Spec Code. You are welcome to add other custom requirement in written and send to us along with the Inquiry Spec. Code. We will reply with a preliminary Product Code.

Clock Oscillator Inquiry Spec Code Builder

T 3	/	20M	/	-40+85	/	3.3	/	DAS
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Type	Frequency (M)	TC Range	Operating Voltage	Application
eg		eg	eg	eg
	4M=4.000000MHz	-10+60	2.5V	DAS=Dash Board
	20M=20.000000MHz	-20+70	3.3V	
		-40+85		