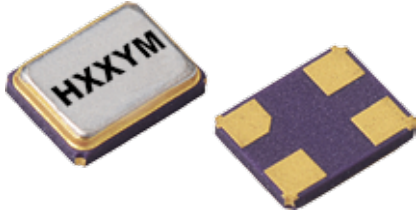




## HSX321SK Series -3.2mm x 2.5mm

### CRYSTAL RESONATOR, FOR AUTOMOTIVE APPLICATION



#### Features:

- High precision and reliability for most Automotive design applications; particularly popular for low frequencies.
- IATF16949 certified production environment and IMDS registration available.
- Reliability standard: AEC-Q200.
- Automotive applications such as control panel device, tire pressure sensors, smart control wireless transfer, navigation applications, GPS, and multimedia devices.

#### STANDARD SPECIFICATION:

ITEMS	PARAMETER			
	8MHz	10 ~ 20MHz	20 ~ 28MHz	28 ~ 48MHz
Frequency Range	8MHz	10 ~ 20MHz	20 ~ 28MHz	28 ~ 48MHz
Mode	Fundamental			
Frequency Tolerance	$\pm 10\text{ppm} \sim \pm 50\text{ppm}$ (at. 25°C )			
Frequency Stability over Operating Temperature	$\pm 15\text{ppm} -40 \sim +85^\circ\text{C}$ , $\pm 20\text{ppm} -40 \sim +105^\circ\text{C}$ , $\pm 50\text{ppm} -40 \sim +125^\circ\text{C}$ , or Specify			
Load Capacitance	Series, 8pF, 10pF, 12pF or Specify			
Drive Level	10 $\mu\text{W}$ (100 $\mu\text{W}$ Max.)			
Equivalent Series Resistance	400 $\Omega$ Max.	100 $\Omega$ Max.	80 $\Omega$ Max.	50 $\Omega$ Max.
Storage Temp. Range	-40 ~ +125°C			

**Packing Unit : 3,000pcs/Reel.**

#### DIMENSION

Unit: mm

