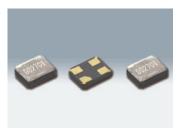




RoHS Compliant

# SMD Crystal Resonators / MHz Band Crystal Resonators

## DSX1612S/DSX1612SL



DSX1612S

Actual size □



DSX1612SL

Actual size □

#### ■ Features

1612 size ultra miniature and lightweight SMD crystal resonator.
 Height DSX1612S: 0.35mm

DSX1612SL: 0.33mm max.

- High precision and high reliability
   (Frequency aging specification of ±1×10<sup>-6</sup>/1 year or ±3×10<sup>-6</sup>/5 years is available for cell phone or wireless communication systems etc.)
- Allowing for high density surface mounting.
- Moisture prevention packing is unnecessary.
  Moisture Sensitivity Level:LEVEL1 (IPC/JEDEC J-STD-033)



- Small mobile devices for next generation such as mobile communications, short-range wireless modules, digital AV equipment and PC.
- Wearable devices

### ■ Standard Specification

a Standard Specification							
Item Type	DSX1612S			DSX1612SL			
Frequency Range	$24 \sim 32 \text{MHz}$	32 ~ 40MHz	40 ~ 54MHz	32MHz	37.4MHz / 38.4MHz / 40MHz	48MHz	52MHz
Overtone Order	Fundamental						
Load Capacitance	8pF, 10pF, 12pF						
Drive Level	10μW (100μW max.)						
Frequency Tolerance	±20×10 <sup>-6</sup> (at 25°C)						
Series Resistance	200Ω max.	150Ω max.	100Ω max.	120Ω max.	60Ω max.	30Ω max.	50Ω max.
Frequency Characteristics over Temperature	$\pm 30 \times 10^{-6}$ / $-30 \sim +85 ^{\circ} \text{C}$ (Ref. To 25 $^{\circ} \text{C}$ )						
Storage Temperature Range	-40 ~+85℃						
Packing Unit	3000pcs./reel (\$\phi\$180)						

Consult our sales representative for other specifications.

### **■**DSX1612S [mm] **■** DSX1612SL [mm]

