

Crystal Resonators For Car Electronics

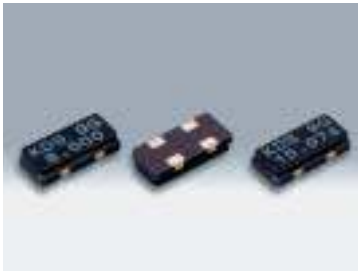
AT-49, SMD-49, DSX151GA



AT-49



SMD-49



DSX151GA

Miniature crystal resonators and miniature SMD crystal resonators for car electronics.

■ Features

- Wide range of operating temperature, from low to high.
- Excellent frequency stability.
- High reliability against shock and vibration.
- SMD is good for automatic mounting and reflow soldering.

■ Tuning Fork Crystal Resonators
DMX-26 and DMX-26S are also available for car electronics. Please consult our sales representative for further information.

Generic Specification

Item	Type	AT-49, SMD-49, DSX151GA
Frequency Range		※ 1
Vibration Mode		Fundamental
Load Capacitance		10pF, 12pF, 16pF
Drive Level		10μW (300μW max.)
Frequency Tolerance		±50×10 ⁻⁶ , ±100×10 ⁻⁶ (at 25°C)
Series Resistance		※ 1
Frequency Characteristics over Temperature		±150×10 ⁻⁶ , ±200×10 ⁻⁶
Operating Temperature Range		-40~125°C
Storage Temperature Range		-40~150°C

Consult our sales representative for other specifications.

※ 1

Nominal Frequency (MHz)	Series Resistance (Ω)
4	120
6	100
8	80
10	70
12	60
16	50
20	50

Dimensions [mm]

