

AT-41 (for OA / AV)

Features

A highly stable and reliable low-height crystal unit with a metallic package, also suitable for surface mounting.

- Compatible with surface mounting.
- Airtight metal package ensures high-reliability.
- Taping package is for customer automatic loading operation.



- RoHS compliant
- Pb Free

Specifications

Nominal Frequency (MHz)	-
Package Size (L×W×H : mm)	11.05×4.7×3.68
Overtone Order	Fundamental / 3rd overtone
Frequency Tolerance (25 ±3 °C)	±20×10 ⁻⁶
Frequency versus temperature characteristics (with reference to +25 °C)	±30×10 ⁻⁶
Operating Temperature Range(*1) / Storage Temperature Range (°C)	-10 to +70 / -40 to +85
Equivalent Series Resistance (Nominal Frequency)	Max. 400Ω (Fundamental : 3 to 3.2MHz) Max. 200Ω (Fundamental : 3.2 to 3.5MHz) Max. 150Ω (Fundamental : 3.5 to 4MHz)

	Max. 120Ω (Fundamental : 4 to 4.5MHz) Max. 100Ω (Fundamental : 4.5 to 5MHz) Max. 80Ω (Fundamental : 5 to 6MHz) Max. 70Ω (Fundamental : 6 to 8MHz) Max. 60Ω (Fundamental : 8 to 10MHz) Max. 50Ω (Fundamental : 10 to 12MHz) Max. 40Ω (Fundamental : 12 to 37MHz) Max. 140Ω (3rd overtone : 26 to 35MHz) Max. 100Ω (3rd overtone : 35 to 48MHz) Max. 80Ω (3rd overtone : 48 to 75MHz) 500μW (Fundamental : 3 to 5MHz / 3rd overtone : 26 to 60MHz) 50μW (Fundamental : 5 to 37MHz) 10μW (3rd overtone : 60 to 75MHz) (Max. 1000μW)
Level of drive	
Load Capacitance	16pF (Fundamental) Series Resonance (3rd overtone)

When ordering our products, specify them with an “Ordering Code”. To issue Ordering Code, please select Frequency and click Ordering Code button. The above specifications are standard for this NDK product. If you require a product with specifications not given above, please [contact](#) NDK sales.

*1. Temperature range within which crystal units operate under specified conditions.