

NX1610SE

For OA / AV / Mobile Communications

■ Features

Tuning fork crystal unit with low ESR(Equivalent Series Resistance).

- •Low ESR achieves low power consumption.
- Excellent electric performance optimum for mobile communications, OA (office automation) and AV (audiovisual) applications are exhibited.
- •A surface-mount crystal oscillator. (Reflow soldering is possible.)
- •Lead-free. Meets the requirements for re-flow profiling using lead-free solder.







■ Specifications

ltom Model	NX1610SE			
Item Model				
Standard	Standard			Optional
Nominal Frequency (kHz)	32.768			32.768
Operating Temperature Range (°C)	-40 to +85			-40 to +85 *1
Storage Temperature Range (°C)	-40 to +85			-40 to +85 *1
Level of Drive (µW)	0.1 (Max. 0.5)			0.1 (Max. 0.5) *1
Frequency Tolerance (25 ±3 °C)	±20 × 10 ⁻⁶			±20 × 10 ⁻⁶
Turning Point (°C)	+25 ± 5			+25 ± 5
Temperature Coefficient (/°C²)	Max0.04 × 10 ⁻⁶			Max. –0.04 × 10 ⁻⁶
Load Capacitance (pF)	6.0	9.0	12.5	6.0 to 12.5
Equivalent Series Resistance (kΩ)	Max. 60 (Typ. 45)			Max. 60 *1
Shunt Capacitance (pF)	Typ. 1.55 / Max. 1.85			Typ. 1.55 / Max. 1.85
Insulation Resistance (MΩ)	Min. 500			Min. 500
Specifications Number	STD-MUD-6	STD-MUD-5	STD-MUD-4	Refer to *2

Please specify the model name, frequency, and specification number when you order products.

For futher questions regarding specifications, please feel free to contact us.

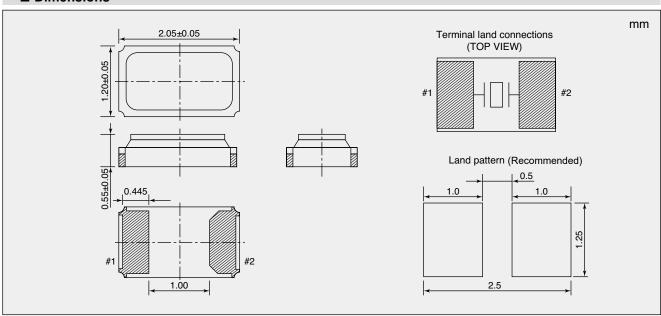
S1:Fundamental - Operating Range(-40 to +85°C) - Frequency Tolerance(±20×10-6) - Load Capacitance (9pF)

NX1610SE

32.768000kHz

S1-4085-20-9

■ Dimensions



^{*1} If you have any other requests, NDK will study it.

^{*2} Ordering information: Overtone Order Fundamental, the Operating Temperature Range, Frequency Tolerance, and Load Capacitance. Ex. Model, Frequency (32.768000kHz 6digits),