

NX1610SA

For OA / AV / Mobile Communications

■ Features

Ultra compact, thin, and light weight tuning fork crystal unit.

- •Ultra compact and thin. (1.6×1.0×0.45mm)
- 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.)
- RoHS compliant. These can meet the requirements of re-flow profiling using leadfree solder







■ Specifications

ltem Model	NX1610SA			
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)	Max. −0.04 × 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. 90			Max. 90 *1
Shunt Capacitance (pF)	Тур. 1.3 / Мах. 1.6			Typ. 1.3 / Max. 1.6
Insulation Resistance (MΩ)	Min. 500			Min. 500
Specifications Number	STD-MUD-2	STD-MUD-3	STD-MUD-1	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.

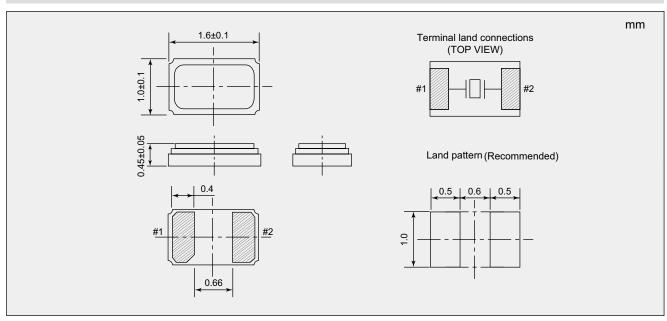
S1:Fundamental - Operating Range(-40 to +85°C) - Frequency Tolerance(±20×10-6) - Load Capacitance (9pF)

NX1610SA

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),