Crystal Bridge to the Future

NX3215SA

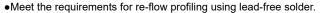
For OA / AV / Mobile Communication / Automotives

■ Features

Compact, thin, and light weight tuning fork crystal unit.

- Excellent electric performance optimum for mobile communications,
 OA (office automation) and AV (audiovisual) applications are exhibited. (For OA / AV / Mobile Communication)
- Excellent heat resistance and environmental characteristics. (For Automotives)





•Conforms to AEC-Q200. (For Automotives)





■ Specifications

Item Model	NX3215SA						
Standard	Standard						Optional
Main Application	For OA / AV / Mobile Communication			For Automotive			For OA / AV / Mobile Communication/ Automotive
Nominal Frequency (kHz)	32.768						32.768
Operating Temperature Range (°C)	-40 to +85			-40 to +125			-40 to +85 *1
Storage Temperature Range (°C)	-40 to +85			-40 to +125			-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	9.0	12.5	6.0 to 12.5 *1
Equivalent Series Resistance (kΩ)	Max. 70 Max. 80					Max. 70 *1	
Shunt Capacitance (pF)	Typ. 1.0 / Max.1.5						Typ. 1.0 / Max.1.5
Insulation Resistance (MΩ)	Min. 500						Min. 500
Specifications Number	STD-MUA-14	STD-MUA-9	STD-MUA-8	STD-MUS-4	STD-MUS-3	STD-MUS-2	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.

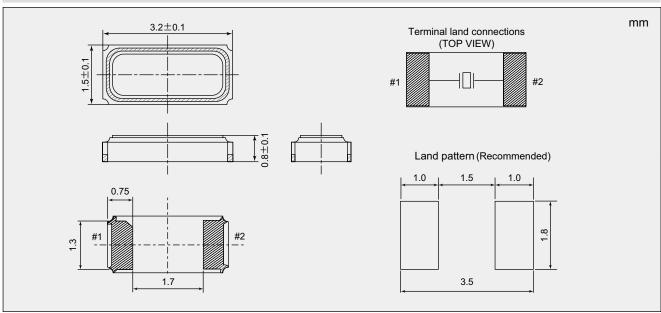
S1:Fundamental - Operating Range(-40 to +85°C) - Frequency Tolerance(±20×10-6) - Load Capacitance (9pF)

NX3215SA

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),