

NX3215SA

For OA / AV / Mobile Communication / Automotives

■ Features

- Compact, thin, and light weight tuning fork crystal unit.
- Excellent heat resistance and environmental characteristics.
- RoHS compliant. These can meet the requirements of re-flow profiling using lead-free solder.
- Use a metal lid: Excellent shock resistance during chip mounting process comparing to a glass lid.
- Excellent electric performance optimum for mobile communications, OA (office automation) and AV (audiovisual) applications are exhibited. (For OA / AV / Mobile Communication)
- Conforms to AEC-Q200. (For Automotives)



Pb Free

RoHS Compliant
Directive 2011/65/EU

■ Specifications

Item	Model	NX3215SA	
Main Application		For OA / AV / Mobile Communication	For Automotive
Nominal Frequency		32.768kHz	
Operating Temperature Range		-40 to +85°C	-40 to +125°C
Storage Temperature Range		-40 to +85°C	-40 to +125°C
Level of Drive		0.1μW (0.5μW Max.)	
Frequency Tolerance (25 ±3 °C)		±20 × 10 ⁻⁶	
Turning Point		+25°C ± 5°C	
Temperature Coefficient		-0.04 × 10 ⁻⁶ /°C ² Max.	
Load Capacitance		6.0pF, 9.0pF, 12.5pF	12.5pF
Equivalent Series Resistance		70kΩ Max.	80kΩ Max.
Shunt Capacitance		1.0pF typ./ 1.5pF Max.	
Insulation Resistance		500MΩ Min.	

Please feel free to contact us with questions about other specifications.

■ List of Ordering Codes

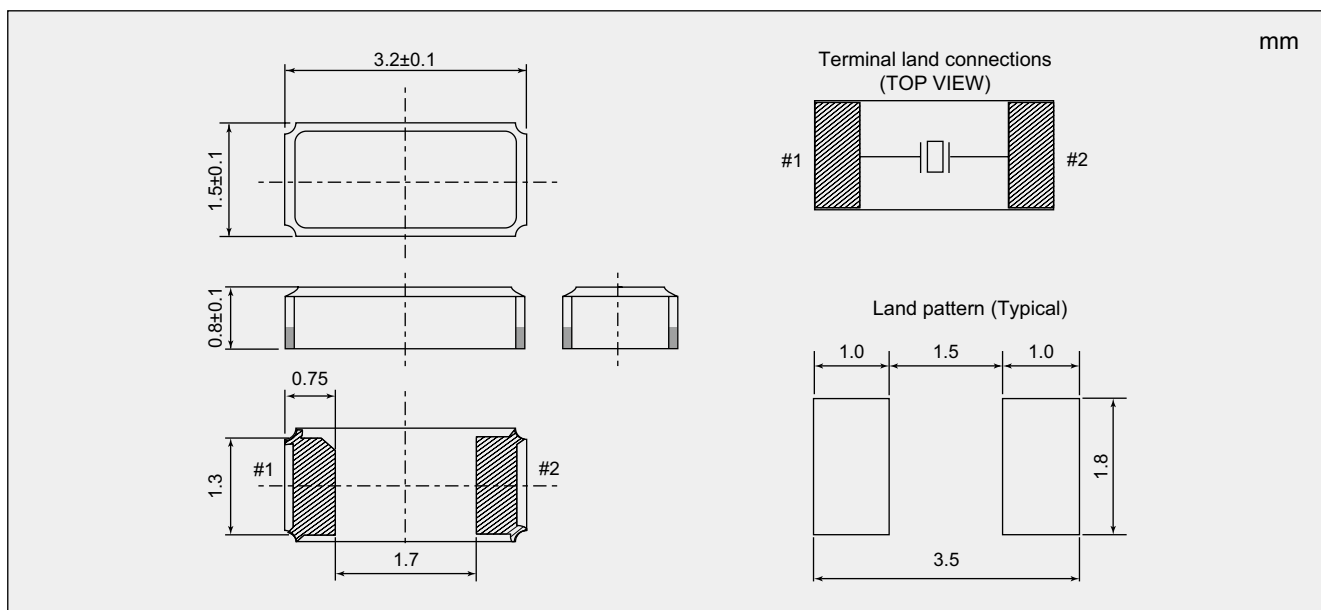
For OA / AV / Mobile Communication

Load capacitance	Ordering Code
6.0pF	NX3215SA-32.768K-STD-MUA-14
9.0pF	NX3215SA-32.768K-STD-MUA-9
12.5pF	NX3215SA-32.768K-STD-MUA-8

For Automotive

Load capacitance	Ordering Code
12.5pF	NX3215SA-32.768K-STD-MUS-2

■ Dimensions



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Crystals category](#):

Click to view products by [Nihon Dempa Kogyo manufacturer](#):

Other Similar products are found below :

[CS325S24000000ABJT](#) [718-13.2-1](#) [MC405 32.0000K-R3:PURE SN](#) [FC-135R 32.7680KF-A3](#) [7A-40.000MAAE-T](#) [7B-27.000MBBK-T](#)
[FL2000085](#) [9B-15.360MBBK-B](#) [9C-7.680MBBK-T](#) [ASH7K-32.768KHZ](#) [AT-41.600MAGQ-T](#) [BTD1062E05A-513](#) [LFX TAL066198Cutt](#)
[9C-14.31818MBBK-T](#) [FA-238 50.0000MB30X-K3](#) [FC-12M 32.7680KA-AC3](#) [SSPT7F-9PF20-R](#) [FX325BS-38.88EEM1201](#)
[LFX TAL065253Cutt](#) [LFX TAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [646G-24-2](#) [7A-24.576MBBK-T](#) [7B-30.000MBBK-T](#)
[WX26-32.768K-6PF](#) [9B-14.31818MBBK-B](#) [CD1AM](#) [7B-25.000MAAE-T](#) [7A-14.31818MBBK-T](#) [6504-202-1501](#) [6526-202-1501](#) [FA-118T](#)
[27.1200MB50P-K0](#) [FC-135R 32.7680KA-A3](#) [ABM12-104-37.400MHZT](#) [ABLS-10.000MHZ-D3W-T](#) [BTJ112E01E-513](#) [BTJ722K01C-7067](#)
[BTL-20-513](#) [TSX-3225 24.0000MF15X-AC](#) [TSX-3225 16.0000MF18X-AC](#) [BTJ120E02C](#) [BTL-12-513](#) [7A-10.000MBBK-T](#) [7A-](#)
[11.0592MBBK-T](#) [ABM12-103-24.000MHZT](#) [CS325S25000000ABJT](#) [ABM3B-25.000MHZ-B2-X-T](#) [FC-135 32.7680KA-A5](#) [FX0800015](#)