

CRYSTAL UNITS FOR AUTOMOTIVE ELECTRONICS (NX8045GB)

These surface mount crystal units are ideally suited for clock signal generating sources for CPUs for power trains and safety control devices requiring extremely high reliability as an electronic part used in a car.

Features

- High stability under strict conditions in terms of stable start-up characteristics, heat resistance, thermo-cycle resistance and vibration resistance.
For further details, please contact us.



Specification

Item	Type	NX8045GB
Standard Frequency (MHz)		8 ~ 40MHz
Overtone		Fundamental
Frequency Tolerance		$\pm 50 \times 10^{-6}$
Frequency Stability		$\pm 180 \times 10^{-6}$
Operating Temperature Range		-40 ~ +150°C
Equivalent Series Resistance		8 ~ 10MHz : 220 Ω max , 10 ~ 40MHz : 150 Ω max
Drive Level		10 μ W (500 μ W max)
Standard Load Capacitance		8pF
Operating Range		-40 ~ +150°C

Typical Frequency (MHz)

Fundamental	8.0 10.0	12.0 13.56	15.0 16.0	18.0 20.0	24.0 28.0	30.0 40.0
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Dimensions

