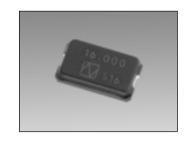


# **CRYSTAL UNITS FOR AUTOMOTIVE ELECTRONICS (NX8045GB)**

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

<u>Item</u> Type	NX8045GB				
Standard Frequency (MHz)	8 ~ 40MHz				
Overtone	Fundamental				
Frequency Tolerance	± 50 × 10 <sup>-6</sup>				
Frequency Stability	± 180 × 10 <sup>-6</sup>				
Operating Temperature Range	−40 ~ +150°C				
Equivalent Series Resistance	8 ~ 10MHz : 220 $\Omega$ max , 10 ~ 40MHz : 150 $\Omega$ max				
Drive Level	10 μW (500 μW max)				
Standard Load Capacitance	8pF				
Operating Range	−40 ~ +150°C				

## Typical Frequency (MHz)

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

### Dimensions

