

CRYSTAL OSCILLATORS

SIMPLE PACKAGED CRYSTAL OSCILLATORS 3800 SERIES

Model 3824A

3829A

■ Main applications: Communications equipment.

- Features
- Sine wave output.
 - Wide frequency range covering high frequency.
 - Low power consumption

■ Specification

Item	3824A												3829A		
	A			B			C			D			C	D	E
	QD30	RD30	SD30	QD20	RD20	SD20	QD20	RD20	SD20	QD20	RD20	SD20	RD00	RD00	RD00
Nominal Frequency Range (MHz)	6~20			20~75			75~125			125~150	125~170		100~125	125~175	175~220
Frequency Stability	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±15 × 10 ⁻⁶	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±15 × 10 ⁻⁶	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±15 × 10 ⁻⁶	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±15 × 10 ⁻⁶	±10×10 ⁻⁶		
	-10~+50°C														
Supply Volt Change	±3×10 ⁻⁶ /+9V±5%														
Supply Voltage	+9VDC														
Current Consumption	8mA max														
Output Voltage	0.3V min												0.1V min		
Load	500Ω			100Ω						50Ω					
Aging	±2×10 ⁻⁶ /year			±2×10 ⁻⁶ /year			±3×10 ⁻⁶ /year								
Frequency Trim Range	±3×10 ⁻⁶ min														
Case Code	24A												29A		

Note: This oscillator is shipped after frequency adjustment at NDK. But if you need to trim frequency by trimmer condenser, please make sure that the driver fits trimmer rotor hole. Also do not apply pressure to trimmer rotor.
If you need NON-standard spec., please contact us.

■ Dimensions

