

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	Model		3824A										3829A				
	Spec. Code		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		
Supply Voltage	+9VDC																
Load	500Ω			100Ω						50Ω							
Operating Temp. Range	-10~+50°C																
Current Consumption	8mA max																
Output Voltage	0.3V min												0.1V min				
Frequency Stability	±5 × 10 ⁻⁶ max	±10 × 10 ⁻⁶ max	±15 × 10 ⁻⁶ max	±5 × 10 ⁻⁶ max	±10 × 10 ⁻⁶ max	±15 × 10 ⁻⁶ max	±5 × 10 ⁻⁶ max	±10 × 10 ⁻⁶ max	±15 × 10 ⁻⁶ max	±5 × 10 ⁻⁶ max	±10 × 10 ⁻⁶ max	±15 × 10 ⁻⁶ max	±10×10 ⁻⁶ max				
Supply Volt Change	±3×10 ⁻⁶ max/+9V±5%																
Aging	±2×10 ⁻⁶ max/year			±2×10 ⁻⁶ max/year			±3×10 ⁻⁶ max/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

