

SIMPLE PACKAGED CRYSTAL OSCILLATORS 3900 SERIES

■ Model 3930A

3960A

3998A

■ Main applications: Communications equipment.

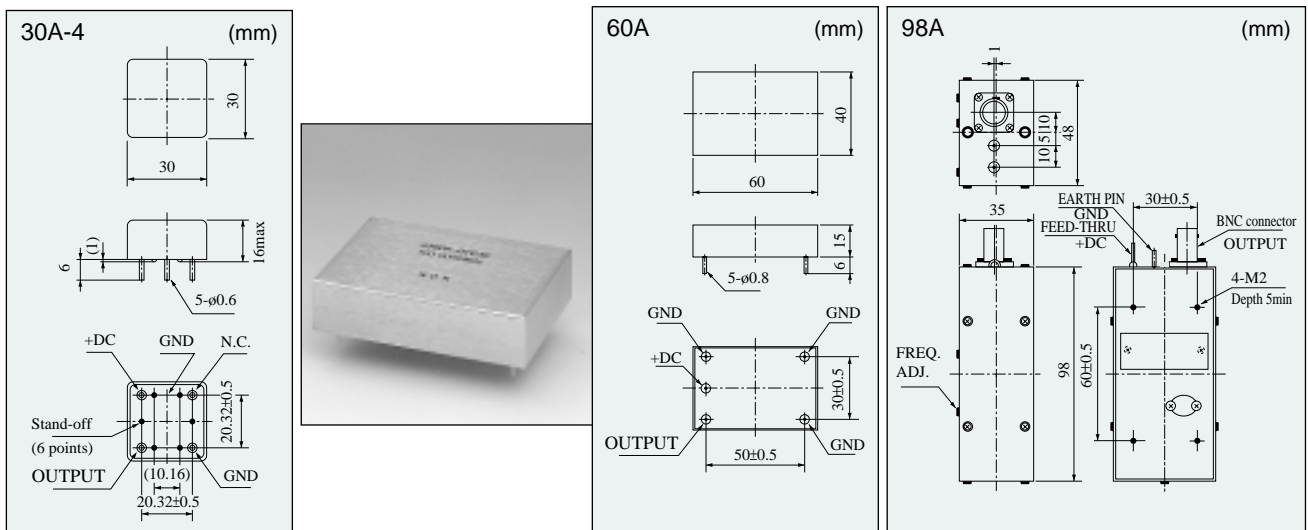
■ Features ● Wide frequency range covering high frequency.

■ Specification

Item	3930A			3960A		3998A		
	Spec. Code	BTE00	CTE00	DTE00	QTE00	RTE00	QTE00	RTE00
Nominal Frequency Range (MHz)		25~75	75~125	125~175	175~250	250~350	350~375	375~450
Frequency Stability		$\pm 20 \times 10^{-6}$						
		-10~+60°C						
Supply Volt Change		$\pm 5 \times 10^{-6} / +12V \pm 5\%$						
Supply Voltage		+12VDC						
Current Consumption		15mA max		20mA max		40mA max		
Output Level		0.63 ~ 1.58mW (0dBm \pm 2dB)		0.5 ~ 2.0mW (0dBm \pm 3dB)		5 ~ 10mW (+7dBm \pm 3dB)		
Load		50Ω						
Aging		$\pm 2 \times 10^{-6} / \text{year}$	$\pm 3 \times 10^{-6} / \text{year}$					
Frequency Trim Range		—		—		$\pm 3 \times 10^{-6} \text{ min}$		
Case Code		30A-4		60A		98A		

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



CRYSTAL OSCILLATORS

SIMPLE PACKAGED CRYSTAL OSCILLATORS 3900 SERIES

Model 3990A

3935A

- Main applications: Communications equipment.
- Features
 - Wide frequency range covering high frequency.

■ Specification

Item	Model		3990A									3935A				
	Spec. Code		B			C			D			E	F	A	B	C
	QD00	RD00	TD00	QD00	RD00	TD00	QD00	RD00	TD00	TD00	TD00	WQ00	WQ00	WQ00		
Nominal Frequency Range (MHz)	55~75			75~125			125~150	125~170	125~175	175~225	225~260	10~25	25~75	75~125		
Frequency Stability	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±20 × 10 ⁻⁶	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±20 × 10 ⁻⁶	±5 × 10 ⁻⁶	±10 × 10 ⁻⁶	±20×10 ⁻⁶			±50×10 ⁻⁶				
	-10~+50°C											-55~+85°C				
Supply Volt Change	±5×10 ⁻⁶ /-18V±5%											±5×10 ⁻⁶ /+12V±5%				
Supply Voltage	-18VDC											+12VDC				
Current Consumption	40mA max											20mA max				
Output Level	4 ~ 6.3mW (+7dBm±1dB)											0.5 ~ 2.0mW (0dBm±3dB)				
Load	50Ω															
Aging	±2×10 ⁻⁶ /year			±3×10 ⁻⁶ /year									±2×10 ⁻⁶ /year	±3×10 ⁻⁶ /year		
Frequency Trim Range	±3×10 ⁻⁶ min/55~160MHz Trimable to Nominal Frequency/160~260MHz											—				
Case Code	90A											35A-1				

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If you need NON-standard spec., please contact us.

■ Dimensions

