

CRYSTAL OSCILLATORS

TEMPERATURE COMPENSATED CRYSTAL OSCILLATORS 5900 SERIES

■ Model 5930D

- Main applications: Communications equipment.
- Features
 - Stable frequency over wide frequency range
 - Low power consumption

■ Specification

Item	Model	5930D							
	Spec. Code	AJD00	AKG00	ALH00	AML00	AJD70	AKG70	ALH70	AML70
Nominal Frequency Range (MHz)		10~20							
Supply Voltage		+12VDC				+5VDC			
Load		50Ω				N-TTL2			
Operating Temp.Range		-10~+50°C	-20~+60°C	-20~+70°C	-30~+75°C	-10~+50°C	-20~+60°C	-20~+70°C	-30~+75°C
Current Consumption		10mA max				15mA max			
Output Level		1mW min (0dBm min)				V _{OL} : 0.4V max, V _{OH} : 2.4V min			
Duty Cycle		—				40~60%(at+1.4V)			
Frequency Stability		±0.5× 10 ⁻⁶ max	±1× 10 ⁻⁶ max	±1.5× 10 ⁻⁶ max	±2× 10 ⁻⁶ max	±0.5× 10 ⁻⁶ max	±1× 10 ⁻⁶ max	±1.5× 10 ⁻⁶ max	±2× 10 ⁻⁶ max
Supply Volt Change		±0.2×10 ⁻⁶ max/+12V±5%				±0.2×10 ⁻⁶ max/+5V±5%			
Aging		±1×10 ⁻⁶ max/year							
Frequency Trim Range		±3×10 ⁻⁶ min(*)							
Case Code		30D							

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

* Refer to FREQ. ADJ. shown in external symbol Fig. 30D.

■ Dimensions

