

SIMPLE PACKAGED CRYSTAL OSCILLATORS 7300 SERIES

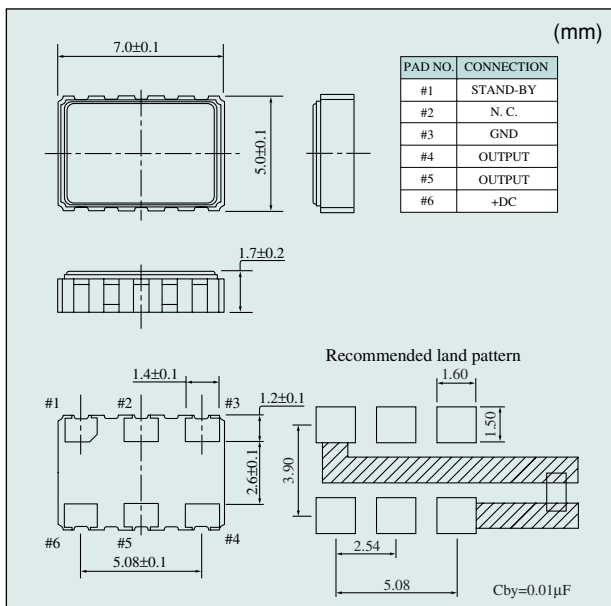
Model 7311S

- Main applications : SONET, SDH, Gb Ethernet
- Features
 - Output level (100 ~ 170MHz LV-PECL)
 - Ultra compactness (7.0 × 5.0 × 1.7mm)
 - Surface mount type SPXO
 - Comformable for RoHS

Specification

Model Spec. Code		7311S-GF-XXXX	7311S-DF-XXXX
Item		XXXX: 255R, 505X, 104X	
Standard Nominal Frequency (MHz)		106.25, 125, 155.52, 156.25, 161.1328	
Supply Voltage		+2.5V DC±5%	+3.3V DC±10%
Load		50Ω	
Operating Temp. Range		0~+70°C, 0~+85°C	
Frequency Stability		±25×10 ⁻⁶ max / 0~70°C (255R) ±50×10 ⁻⁶ max / 0~85°C (505X) ±100×10 ⁻⁶ max / 0~85°C (104X)	
Current Consumption	operation	55mA typ (88mA max)	60mA typ (90mA max)
	stand-by	30 μA max	
Output Level		PECL Level (Complementary)	
Duty Cycle		45 ~ 55% (at 50% Waveform)	
Jitter (1 σ)		3ps typ (5ps max)	
Stand-by Function (Tri-state)		Yes	

Dimensions



Stand-by Function <Tri-state>

#1 input	#4, 5 output
H level ($V_{IH} \geq 0.7V_{CC}$) or open	Operating
L level ($V_{IL} \leq 0.3V_{CC}$)	High impedance

Order (example)

7311S-DF-104X: +3.3V, ±100×10⁻⁶ max / 0~85°C

