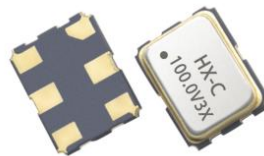


差分晶振3S系列

3225



APPLICATIONS

- SONET / SDH / Gbits / Ethernet
- Graphics/ Radar/ HD Monitoring Devices
- Low Phase Jitter:0.5psec,Typical

FEATURE

- LVDS LVPECL HCSL
- Wide Frequency Range

- Low Operating Voltage:1.8V/2.5V/3.3V
- Tri-state Available

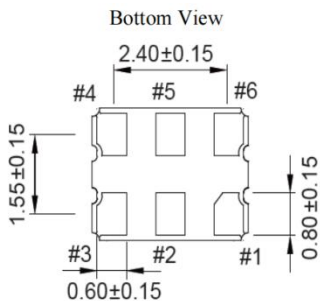
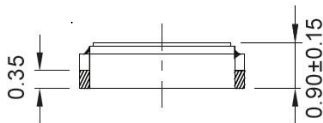
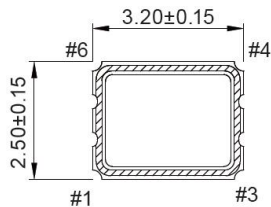


Electrical Specifications 电气参数

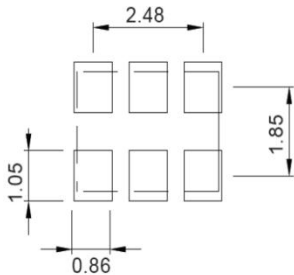
项目	Item/Type	Electrical Specifications
频率范围	Frequency Range	10MHz to 250MHz
输出	Output	LVDS, LVPECL, HCSL
电源电压	Supply Voltage	1.8V, 2.5V, 3.3V(±10%)
频率稳定度	Frequency Stability	±20ppm
工作温度	Operating Temperature Range	-40°C ~ +85°C
消耗电流	Current Consumption	100mA max.
输出负载	Output Load	100Ω between output and complementary output
占空比	Symmetry	45% to 55%
启动时间	Start-up Time	3ms max.
上升/下降时间	Rise/Fall Time	1ns max.
启动/禁用时间	Output Enable/ Disable Time	Enable:10ms max. Disable:0.2μs max.
输出电平-高	Output Logic High "1"	70%VDD.
输出电平-低	Output Logic Low "0"	30%VDD.
相位抖动	Phase Jitter	0.5psec . @12KHz to 20MHz
储存温度范围	Storage Temperature Range	-55°C ~ +125°C
老化率	Aging (at 25°C)	±2ppm/year max.

Mechanical Dimensions 外型尺寸

Units:mm



Suggested solder pad layout



Terminal	Connection
#1	Tri-state or N.C
#2	N.C
#3	GND
#4	Output
#5	Complementary Output
#6	Vcc

Tri-state Function	
Tri-state pin	Output
High or Floating	Active
Low	Hi- Impedance