

VCXO 7050

压控振荡器(VCXO)

特点 Features

标准的7.0*5.0表面贴装形式

电压控制晶体振荡器

包装：每卷1000PCS

Typical 7.0 × 5.0mm SMD package

Voltage Controlled Crystal Oscillator

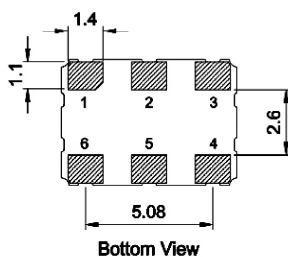
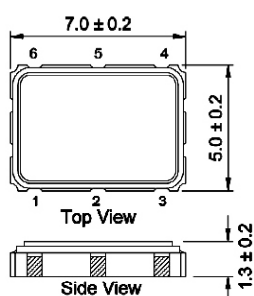
Packing: Tape & Reel, 1000 pcs per Reel



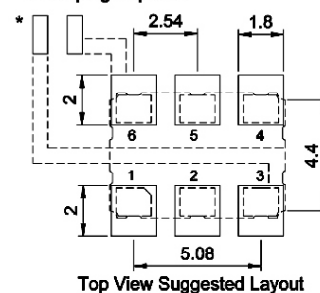
标准规格 Electronic Specification

型号 Type	VCXO 7050
输出类型 Output Type	CMOS
输出负载 Output Load	15 pF or specify
振荡模式 Oscillation Mode	Fundamental
供电电压 Supply Voltage (VDD)	3.3 V
频率范围 Frequency Range	50 ~ 200 MHz
工作温度范围 Operating Temperature Range	-10 ~ +70 ° C , -40 ~ +85 ° , or specify
储存温度范围 Storage Temperature Range	-55 ~ +125 ° C
输出电压 Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
上/下沿时间 Rise (Tr) / Fall (Tf) Time	5 nS Max.
供电电流 Supply Current	60 mA Max.
输出对称性 Symmetry	45 ~ 55 %
启动时间 Start-up Time	10 mS Max.
绝对牵引范围 Absolute Pulling Range (APR)	± 50 ppm Min., or specify
额定控制电压 Nominal Control Voltage	0.5 VDD
控制电压范围 Control Voltage Range	0 ~ VDD
线性度 Linearity	10 % Max.
相位抖动 Phase Jitter (12 KHz ~ 20 MHz)	1 pS Max.

外型尺寸 Outline Dimensions (Unit:mm)



*: External high frequency power supply decoupling required.



PAD FUNCTION:
1: CONTROL VOLTAGE
2: ENABLE CONTROL or NC
3: GND
4: OUT
5: NC
6: VDD