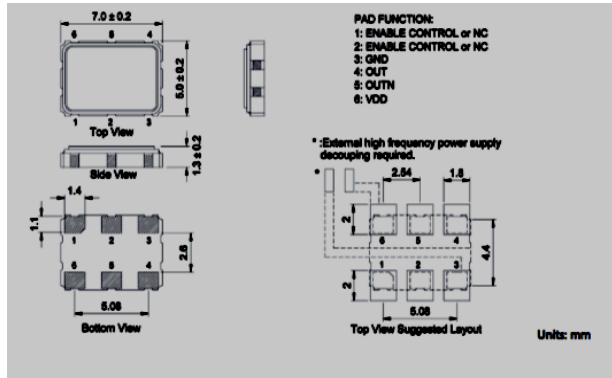
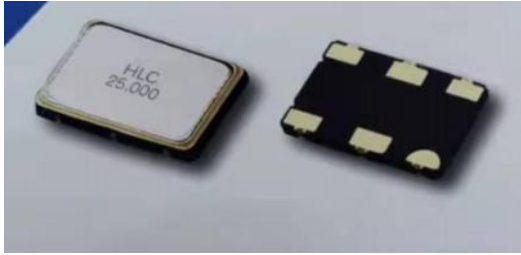


SMD Crystal Oscillators Differential Output



技術指標/SPECIFICATIONS

Item	Series	7050		
Output type		LVPECL	LVDS	HCSL
Frequency Range(F_0)		25MHz~200MHz	25MHz~200MHz	1MHz~200MHz
Frequency Stability		+/-25ppm +/-50ppm or specify		
Operating Temperature Range(T_{OPR})		-20°C~+70°C -40°C~+85°C or specify		
Storage Temperature Range(T_{STG})		-55°C~+125°C		
Power Supply Voltage(V_{DD})		2.5V or 3.3V		1.8V, 2.5V or 3.3V
Supply Current(I_{DD})		80mA Max	80mA Max	30mA Max
Stand by Current(I_{STD})		10 μ A max		
Output Symmetry(Sym)		40%~60% 45%~55% (at 1/2 V_{DD})		
Rise Time(T_r)		10nS max (10% V_{DD} ~90% V_{DD})		
Fall Time(T_f)		10nS max (10% V_{DD} ~90% V_{DD})		
Output Voltage	V_{OH} (typical)	$V_{DD} - 1.025V$	1.6V	$V_{DD} - 0.8V$ max $V_{DD} - 1.165V$ min
	V_{OL} (typical)	$V_{DD} - 1.62V$	0.9V	$V_{DD} - 1.165V$ max $V_{DD} - 2.0V$ min
Output Load		50 Ω	100 Ω	50 Ω
Start up time(TS)		10ms max		
Stand-by Function(Tri-state)		Pin 1,Pin2= H(+0.7 V_{DD} min) or Open - Pin 4,Pin5 = Operating		
		Pin 1,Pin2= L (+0.3 V_{DD} max) ----- Pin 4,Pin5 = High impedance		
Phase Jitter(12KHZ~20MHZ)		1pS Max		

Consult sales representative for other specifications.

除表中所列參數外，可根據客戶需要設計。
 We shall design according to customer's requests besides these specifications in the above table.

THE DIRECTION OF PACKING

REEL DIMENSIONS

Units: mm