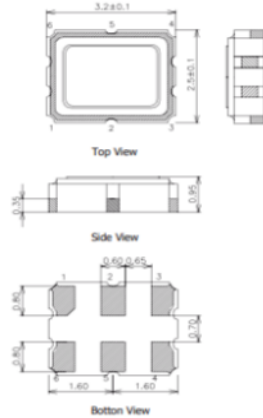
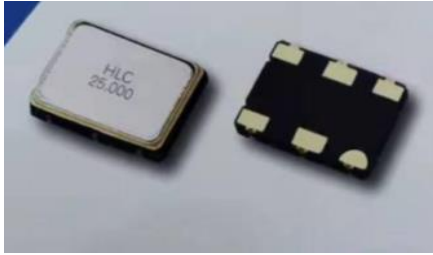
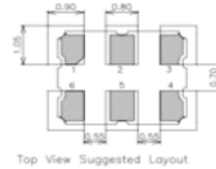


SMD Crystal Oscillators Differential Output



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



Units: mm

技術指標/SPECIFICATIONS

Item	Series	3225		
Output type		LVPECL	LVDS	HCSL
Frequency Range(F_0)		25MHz~200MHz	25MHz~200MHz	25MHz~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 +/-10%		
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	0.74V
	V_{OL} (typical)	$V_{DD} - 1.62V$	0.9V	0
Output Load		50 Ω	100 Ω	50 Ω
Start up time(T_S)		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.

