

ISM61 Series

SMD 9mm x 14mm TTL/HCMOS

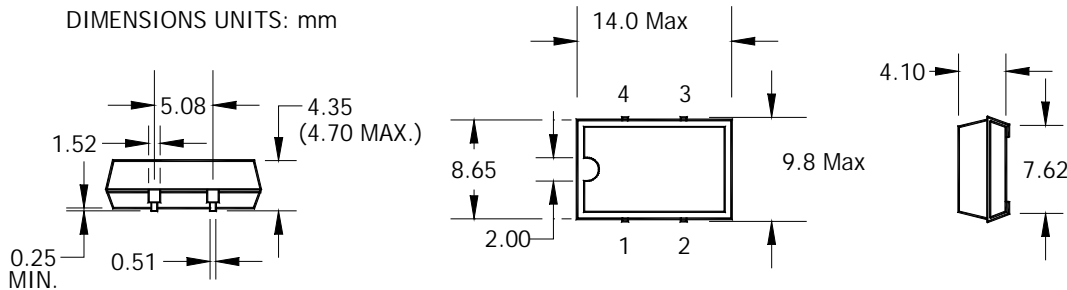
Frequency	1.000MHz to 106.250 MHz	
Output Level	TTL	HCMOS
Level	'0'= 0.4 Vdc Max., '1'=2.4 Vdc Min.	'0'=0.1 Vcc Max., '1'=0.9 Vcc Min.
Duty Cycle	Specify 50% ± 10% or ± 5%	
Rise/ Fall Time	10 nS Max.*	
Output Load	10 TTL	15 pF to 50 pF (Specify)
Stability		
Over all Frequency Stability	See Table Frequency Stability	
Start-up Time	10mS max	
Enable/Disable Time	100nS max	
Supply Voltage	3.3Vdc ±5%, 5.0Vdc ±10%	
Current	10 mA to 40 mA Max *	
Temperature		
Operating	See Table Operating Temperature	
Storage	-55°C to +125°C	

* Frequency related parameters

Part Number Guide		Sample Part #: ISM61-5151DH-20.000					
	Input Voltage	Operating Temp	Symmetry (Duty Cycle)	Output	Stability (in ppm)	Tristate (Standby)	Frequency
ISM61	5 = 5.0V	1 = 0°C ~ +70°C	5 = 45/55 max	1 = 10 TTL/15pF HCMOS	D= ± 15	H = Enable High	20.000 MHz.
	3 = 3.3V	6 = -10°C ~ +70°C	6 = 40/60 max	2 = 10 TTL	A = ±25	O= None	
		3 = -20°C ~ +70°C		3 = 30 pF HCMOS (5V only)	B = ±50		
		2 = -40°C ~ +85°C		4 = 50 pF HCMOS (5V only)	C = ±100		

Tri-State Function	
Pin 1 Open	Enable
Pin 1 ≥ 2.2V	Enable
Pin 1 ≤ 0.8 V	Disable

DIMENSIONS UNITS: mm



PIN	CONNECTIONS
1	NC / ED
2	GROUND
3	OUTPUT
4	Vcc

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 Specifications subject to change without notice

