



▶ SCO-060

- HCMOS / TTL output
- 5.0V / 3.3V supply voltage
- 14 pin / 8 pin DIP package
- Custom lead length options available
- Wide frequency
- All-metal welded package

ELECTRICAL SPECIFICATIONS

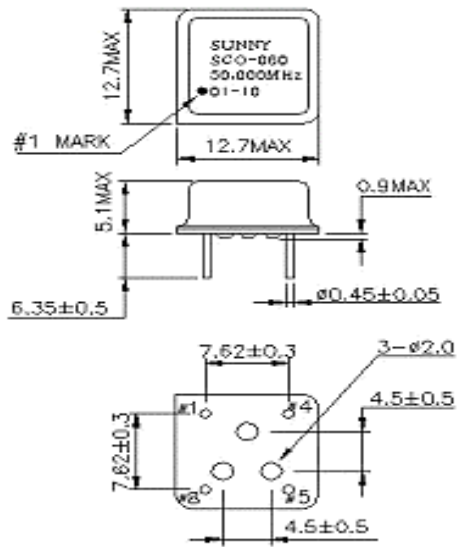
MODEL		SCO-02 Series	
Frequency Range		1.000 to 125.000 MHz	
Operating Temperature Range		0 to +70°C or -40 to +85°C	
Storage Temperature Range		-55 to +125°C	
Supply Voltage(VDD)		5.0VDC ±10%	3.3VDC ±10%
Frequency Tolerance/Stability		±100, ±50, ±25 ppm Max	
Input Current	1.000 to 20.000MHz	20mA Max	15mA Max
	20.001 to 40.000MHz	30mA Max	25mA Max
	40.001 to 80.000MHz	40mA Max	35mA Max
	80.001 to 125.000MHz	50mA Max	45mA Max
Load drive Capability		10TTL Load or 15pf HCMOS Load	
Output Voltage Logic High(VOH)	w/TTL Load w/HCMOS Load	2.4VDC Min 90% of VDD Min	
Output Voltage Logic Low(VOL)	w/TTL Load w/HCMOS Load	0.4VDC Max 10% of VDD Max	
Duty Cycle	at 50% of WaveForm w/HCMOS Load or 1.4VDC w/TTL Load	50 ±10% (STD) 50 ±5% (Optional)	
Rise / Fall Time	1.000 to 20.000MHz 20.001 to 70.000MHz 70.001 to 125.000MHz	10nsec Max 6nsec Max 4nsec Max	
Aging (at 25°C)		±5 ppm/year Max	
Start up Time		10msec Max	
Pin 1 Tri-State Input Voltage	No Connection VIH : 2.0VDC VIL : 0.8VDC	Enables Output Enables Output Disables Output: High Impedance	
Period Jitter: Absolute		±100ps Max	
Period Jitter: One Sigma		±25ps Max	

MECHANICAL DIMENSIONS

Please refer to next page.

MECHANICAL DIMENSIONS

► SCO - 060



PIN CONNECTION

- #1 N.C or Tri-State
- #4 GND
- #5 OUTPUT
- #8 V_{DD}