



# SPC2STR STRATUM III OSCILLATOR

## Specifications

Parameters	Standard	
Frequency range	5,0 MHz - 52 MHz	STRATUM III up to 38,880 MHz
Logic output	HCMOS/TTL compatible	
Frequency stability		
Overall over 15 years	± 4,6 ppm	
Initial at 25°C	± 0,8 ppm	
Temperature	± 0,28 ppm	
Aging over 15 years	± 3,0 ppm	
Voltage change ± 5%	± 0,3 ppm	
24 hours drift	± 0,04 ppm	
24 hours holdover mode	± 0,37 ppm , full temp. range and Vcc ± 0,5%	
Operating temperature	0° C ~ +70°C	0°C ~ +50°C
Storage temperature	-40°C ~ +85°C	
Supply voltage	5,0 V ± 5%	3,3 V ± 5%
Current	20 mA max.	10 mA max.
Load	15 pF or 2 TTL	
Rise/fall time	5 ns max.	
Duty cycle	45 / 55 %	
Start-up time	10 ms max.	
Tristate	High or open = enable Low = disable	no tristate
Marking	Freq + Code + Week +Year	

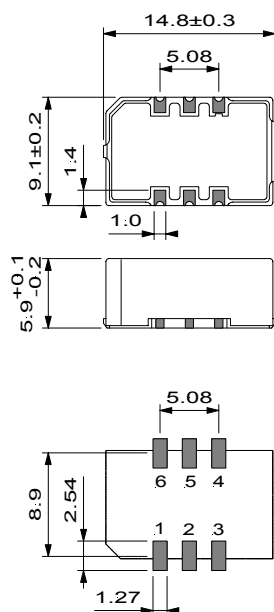
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### Drawing

Package

SP2F 6pad



Pin configuration

#1: NC

#2: E/D

#3: GND

#4: Output

#5: NC

#6: Vcc