

SMD600 Series

Surface Mount Crystal Clock Oscillators

- HCMOS/TTL Output
- 3.3V and 5.0V Supply Voltage
- Ceramic SMD package

ELECTRICAL SPECIFICATIONS

Description	SMD600	SMD600.3
Frequency Range	0.5 to 100MHz	0.5 to 125MHz
Frequency Stability	±50ppm	±100ppm
Operating Temperature Range	0°C to +70°C	
Storage Temperature Range	-55 ~ +125°C	
Input Voltage	5.0V _{DC} ±10%	3.3V _{DC} ±10%
Input Current	10mA to 60mA	
Symmetry	50±10% Standard, 50±5% Available	
Rise Time / Fall Time	10nSeconds (0.5 ~ 40.000MHz) 6nSeconds (50.0 ~ 100.000MHz)	
Output Load	10TTL or 15pF HCMOS	
Pin 1 Option	No connection	Enable/Disable (Tristate)

PART NUMBERING GUIDE

SMD600 .3 C (E/D) - 25.000MHz

Input Voltage

Blank - 5V
.3 - 3.3V
.2 - 2.5V

Frequency Tolerance/Stability

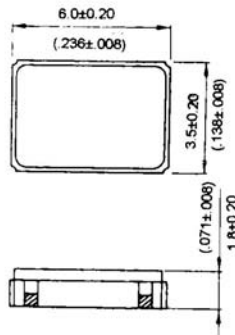
Blank or A - ±100ppm
B - ± 50ppm
C - ± 25ppm
X - Customer Specified

Frequency

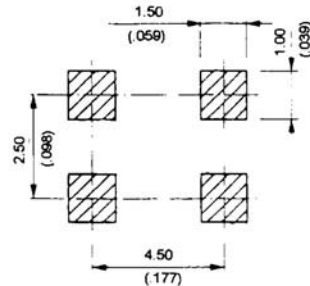
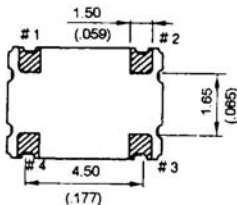
Pin 1 option

Blank - no connection
(E/D) - Enable/Disable (Tristate)

PACKAGE DIMENSIONS



Dimensions in mm (In)



Dimensions in mm (In)

Pin 1 : No connect or EN/DIS (Tristate)	Pin 3: Output
Pin 2: Ground	Pin 4: Vdd

General Electronic Devices

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