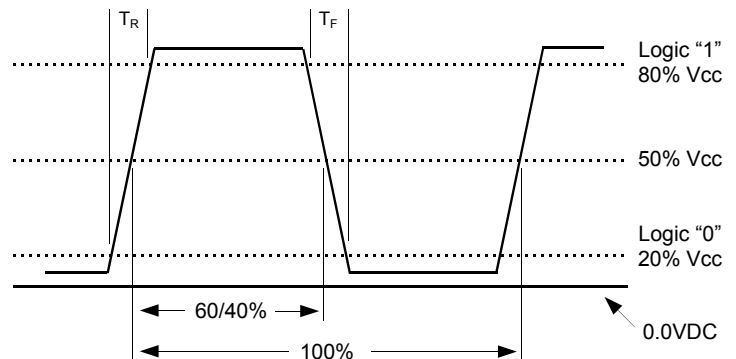
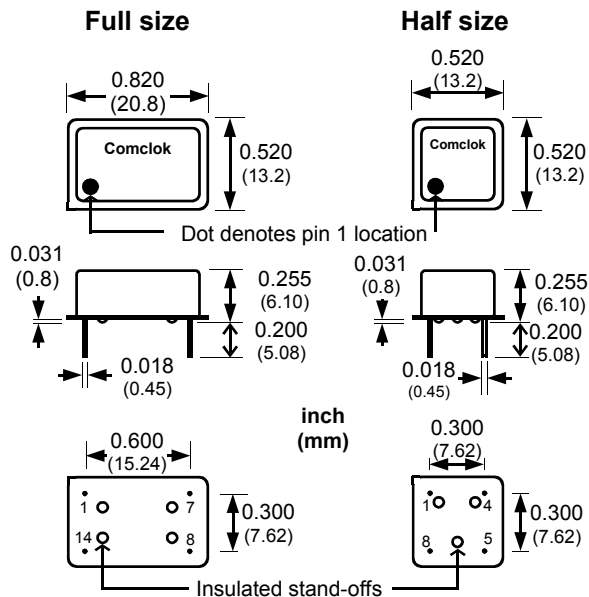


### Features of the CM series clock oscillator:

- RoHS Compliant now available
- 5VDC
- Industry standard (14 & 8 pin dip compatible)
- Fast rise and fall times
- Tight stability available
- Case ground for low EMI
- Hermetically sealed / resistance welded

MODEL	CM	
FREQUENCY RANGE	10.0 kHz ~ 69.99 MHz	70.000 MHz ~ 160.000 MHz
FREQUENCY STABILITY	±100ppm Standard, Optional Tolerances Available	
OPERATING TEMP. RANGE	0°C ~ 70°C Standard, Extended Tolerances Available	
STORAGE TEMPERATURE	-55°C ~ +125°C	
SUPPLY VOLTAGE	+5.0 VDC ±10%	
CURRENT CONSUMPTION	10.0 kHz ~ 23.999 MHz 15mA Max. 24.000 ~ 69.000 MHz 30mA Max.	70.000 ~ 160.000 MHz 40mA Max.
SYMMETRY	40/60% @ 50% Vcc, Standard, Optional Tolerances Available	
LOGIC "1" & "0"	Logic "1" = 4.5VDC Min. / Logic "0" = 0.5VDC Max.	
RISE/FALL TIME (T <sub>R</sub> , T <sub>F</sub> )	6 nS max	3 nS Max.
OUTPUT LOAD	15 pF Standard, Higher Loads Available	15 pF Standard, Higher Loads Available
Aging	< 5ppm per year	



Full Size CM (14 pin)	
# 1	N.C.
# 7	GND
# 8	OUTPUT
# 14	+5.0 VDC ±5%

Half Size CM (8 pin)	
# 1	N.C.
# 4	GND
# 5	OUTPUT
# 8	+5.0 VDC ±5%



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