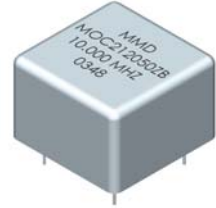


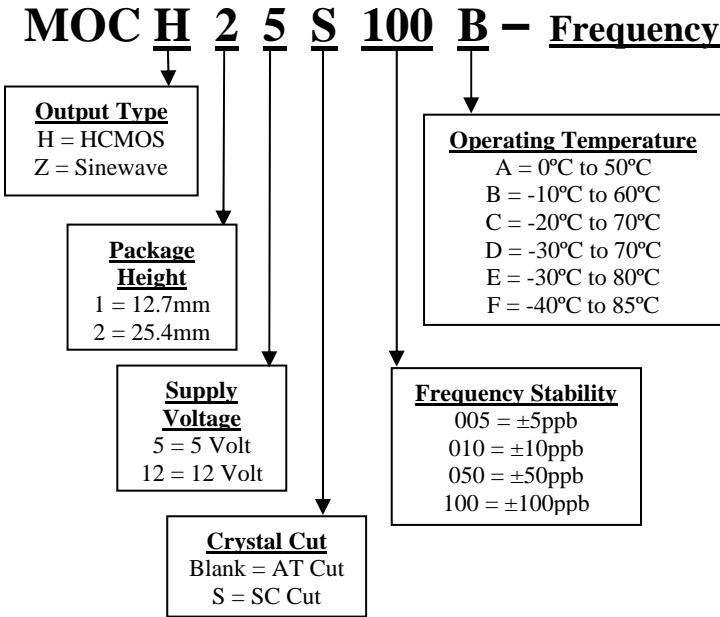
MOCH and MOCZ Series / 1.5" Square, 4 pin OCXO



- Oven Controlled Oscillator
- 500 KHz to 150.0 MHz Available
- SC Crystal
- -40°C to 85° Available
- ±5ppb to ±500ppb



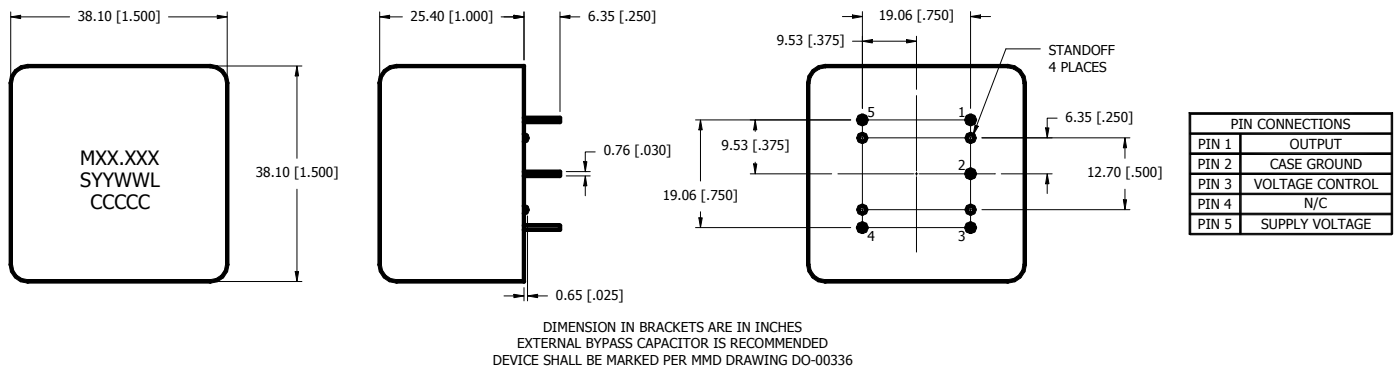
PART NUMBERING GUIDE:



ELECTRICAL SPECIFICATIONS:

Frequency Range	500.0KHz to150.0MHz		
Frequency Stability	±5ppb to ±500ppb		
Operating Temperature	-40°C to 85°C max*		
* All stabilities not available, please consult MMD for availability.			
Storage Temperature	-40°C to 95°C		
Output	Sinewave	±3 dBm	50Ω
	HCMOS	10% Vdd max 90% Vdd min	30pF
Supply Voltage (Vdd)	5.0V	12.0V	
Supply Current	typ	85mA	70mA
	max	550mA	335mA
Warm-up Time	8min. @ 25°C		
Vc Input Impedance	100K Ohms typical		
Crystal	AT or SC Cut options		
Phase Noise @ 30MHZ	SC	AT	
100 Hz Offset	-125dBc	Call MMD	
1000 Hz Offset	-140dBc	Call MMD	
10K Hz Offset	-145dBc	Call MMD	
Voltage Control 0 to VCC	±3ppm typ.	±10ppm typ.	
Aging (after 30 days)	±0.1ppm/yr.	±1.0ppm/yr.	

MECHANICAL DETAILS:



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