

CRYSTAL OSCILLATOR

Seam Sealed Ceramic 7x5mm Voltage Controlled Crystal Oscillator- 6S Series

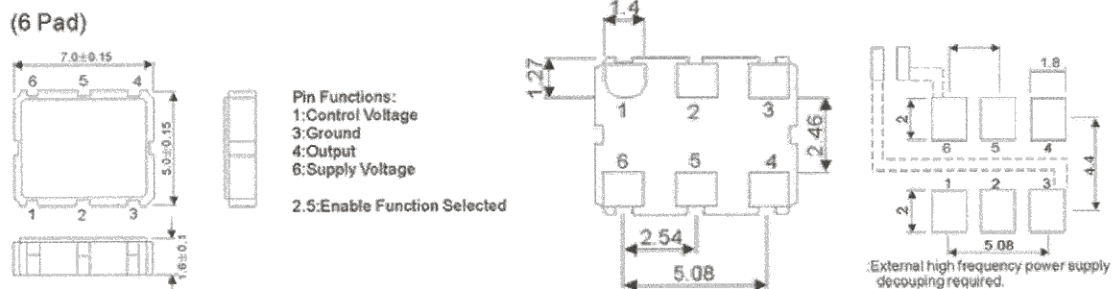
FEATURE

- Ultra small SMD type
- High precision characteristics covering up to high frequency range
- Automatic mounting

ELECTRICAL SPECIFICATIONS

Parameters		C1	C2	C3	C4
Fan Out Type		CMOS			TTL
		5V	3V	5V	3.3V
Frequency Range		1MHz ~ 125MHz			
Frequency Stability		±25, ±50, ±100ppm			
Operating Temperature		0-70□, -20-70□, -40-85□			
Storage Temperature		-55 ~ 125□			
Pad Type		4Pads / 6Pads			
Supply Current		≤30MHz, 30mA, >30MHz, 45Ma			
Aging (at 25□)		±3ppm/year Maximum			
Load	Output Loading Capacitance	15pF, 50pF		15pF	
	Voltage Voh(Min.)	4.5Vdc	2.97Vdc	4.5Vdc	2.97Vdc
	Voltage Vih(Max.)	0.5Vdc	0.33Vdc	0.5Vdc	0.33Vdc
	Symmetry (Duty Cycle)	40~60%Maximum			
	Rise/Fall Time	10ns Max.			
	Start-up Time	10ms Max.			
Frequency Control	Pullability	100ppm Min or specify			
	Voltage Control	0.5~4.5Vdc	0.3~3.05Vdc	0.5~4.5Vdc	0.3~3.05Vdc
	Monotonic Linearity	≤ 10%			
	Input Impedance	50Kohms Normal			

MARKING AND DIMENSIONS



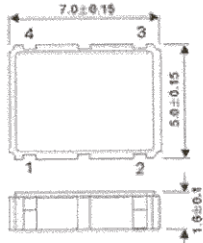
The design, manufacturing process, and specifications of this device are subject to change without notice.

3600 boul. Matte suite i Brossard Qc J4Y-2Z2 tel:(450)-444-1424 fax:(450)-444-4714

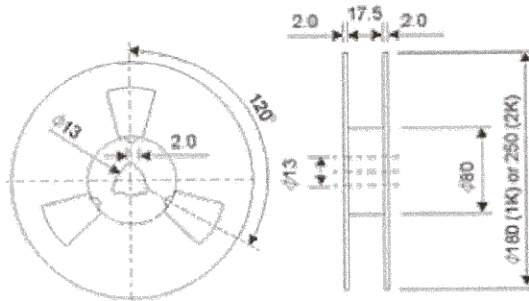
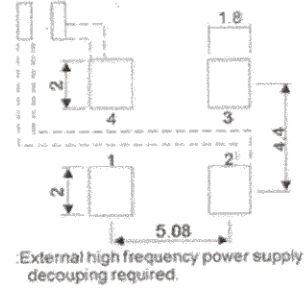
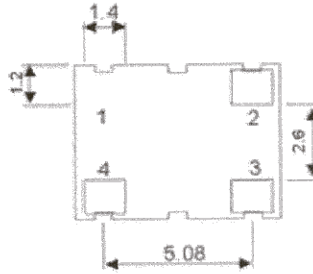
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DIMENSIONS:
(4 Pad)

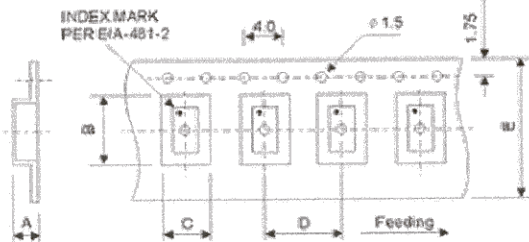


Pin Functions:
1:Control Voltage
2:Ground
3:Output
4:Supply Voltage



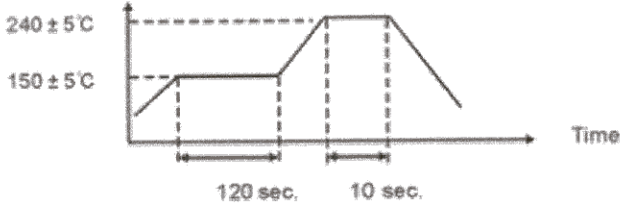
REMARK:
1. 230 mm (9.05) minimum leader which consist of carrier and/or cover tape followed by a minimum of 160 mm (6.3) of empty carrier tape sealed with cover tape.
2. 160 mm (6.3) minimum trailer of empty carrier tape sealed with cover tape.

PACKING:



SIZE
A 1.3
B 5.45
C 3.65
D 8.0
E 16.0
1K or 2K

REFLOW ONDITION:



Total time : 200 secretary. Max.
Solder melting point : 185°C

6S4	C1	48.000	50	A
6S4: 4pad 6S6: 6pad	C1 C2 C3 C4	Frequency	Frequency stability 50: ±50ppm	operating temperature A: -10°C-70°C B: -40°C-85°C