

Farnell Order Code: 1641043

FOX MODEL: FXO-HC536R-33 FOX Part Number: 767-33-15

HCMOS, CERAMIC, SMD, OSCILLATOR

Specifications

33.000 MHz		
±25 PPM		
-40°C ~ +85°C		
-55°C ~ +125°C		
3.3V ± 5%		
35 mA Max		
10% V _{DD} Max		
90% V _{DD} Min		
45% ~ 55%		
3 nS Max		
3 nS Max		
15 pF Max		
10 ms Max		
100 nS Max		
< 1.1pS Typ.		
260°C / 10 Seconds		
1		
Au		

¹ Inclusive of 25°C tolerance, operating temperature range, input voltage change, load change, aging, shock, and vibration.

²An internal pullup resistor from pin 1 to pin 4 allows active output if pin 1 is left open.

ENABLE/DISABLE FUNCTION ²				
Pin 1	OUTPUT (Pin 3)			
OPEN ²	ACTIVE			
'1' Level VIH ≥ 70%V _{DD}	ACTIVE			
'0' Level VIL ≤ 30%V _{DD}	High Z			

NOTE: A $0.01\mu F$ bypass capacitor should be placed between V_{DD} (Pin4) and GND (Pin 2) to minimize power supply line noise.

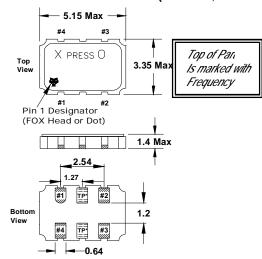
RoHS Compliance Status: Compliant

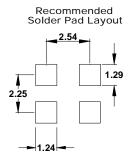


Drawing is for reference to critical specifications defined by size measurements.

Certain non-critical visual attributes, such as side castellations, reference pin shape, etc. may vary

Mechanical / Dimensions (millimeters):



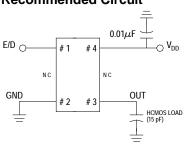


Note: XPRESSO HCMOS XOs are designed to fit on industry standard, 4 pad, layouts.

Pin Connections #1) E/D #3 Output #2 GND #4 VDD

*TP are test points and are NC

Recommended Circuit



<u>NOTE</u>: The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by Fox Electronics for inaccuracies.

Reference / Comments	Title / Description: Product Specifications				
	Drawing Number: DWG	-4548-27	Rev: 1	Size: A	
	Part Number: 767-33-15			Cage: 61429	
	Draftsperson: AR Approved: BN		N	Date: 08/25/2008	