

---

**EMEA**  
Tel: +44.1283.568153

**Singapore**  
Tel: +65.6844798

**Japan**  
Tel: +81.3.3374.2079

---

## Product Change Notification

**PCN Publish Date:** 05/12/2016

**PCN#:** 471

**Change Title:** Package Change

**Products Affected:**

3.3v SMD Stratum III TCXO/VCTCXO

Model Number	Part Number
FOX331	
FOX331R	
FOX331AR	
FOX331E	
FOX331ER	

**Description of Change to the Customer:**

Base change per the drawing on following page  
Slight pad changes.  
Height increase from 2.0 mm Max to 2.1 mm Max.

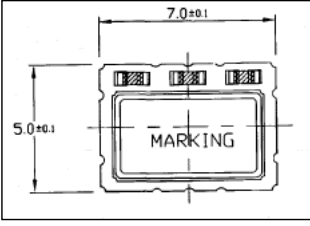
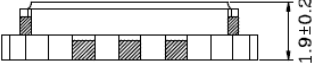
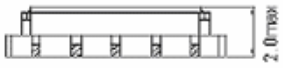
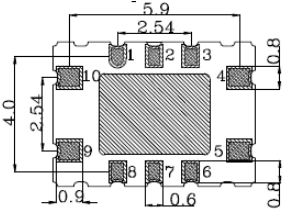
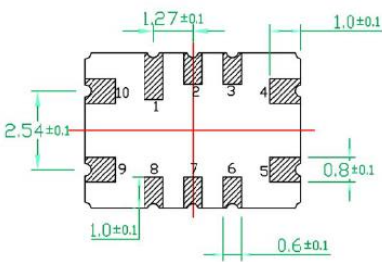
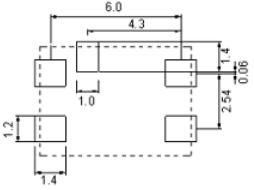
The footprint matches the current solder pad layout.  
No degradation in electrical performance.

**Reason for Change:** To optimize production capacity for market demand.

**Schedule of Change:** Change is effective immediately.

**Customer Impact and Response:** We sincerely believe this change will have minimal impact on our customers. If you have any questions, please contact Fox Technical Support at [www.foxonline.com/email.htm](http://www.foxonline.com/email.htm) or call 239-693-0099.

comparison between current base & new base

	New	Current	Difference	Advantage																								
<b>Top view</b>			no change																									
<b>Side view</b>			no change for customer side use	no change																								
<b>Bottom view</b>			no change for customer side use	no change																								
<b>PAD Function</b>	<table border="1"> <thead> <tr> <th>PIN</th> <th>FUNCTION</th> <th>PIN</th> <th>FUNCTION</th> </tr> </thead> <tbody> <tr> <td>#1</td> <td>NC</td> <td>#6</td> <td>NC</td> </tr> <tr> <td>#2</td> <td>NC</td> <td>#7</td> <td>NC</td> </tr> <tr> <td>#3</td> <td>NC</td> <td>#8</td> <td>Tri-State Control</td> </tr> <tr> <td>#4</td> <td>GND</td> <td>#9</td> <td>VDD</td> </tr> <tr> <td>#5</td> <td>CMOS/Clipped Sinewave Output</td> <td>#10</td> <td>Vccn VC-TCXO GND TCXO</td> </tr> </tbody> </table>	PIN	FUNCTION	PIN	FUNCTION	#1	NC	#6	NC	#2	NC	#7	NC	#3	NC	#8	Tri-State Control	#4	GND	#9	VDD	#5	CMOS/Clipped Sinewave Output	#10	Vccn VC-TCXO GND TCXO		PAD's function don't change.	PAD's function don't change.
PIN	FUNCTION	PIN	FUNCTION																									
#1	NC	#6	NC																									
#2	NC	#7	NC																									
#3	NC	#8	Tri-State Control																									
#4	GND	#9	VDD																									
#5	CMOS/Clipped Sinewave Output	#10	Vccn VC-TCXO GND TCXO																									
<b>Soldering Pattern</b>			no change	customer needn't change layout.																								
<b>Material</b>	<b>no change</b>		the materials of PAD don't change, so customer don't change process.																									
<b>PAD</b>	<b>no change</b>																											