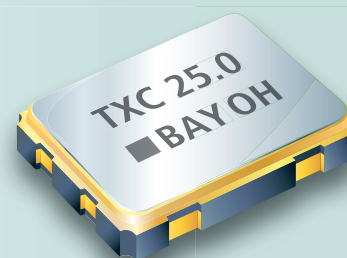


SMD Crystal Oscillators- CMOS Output 5.0 x 3.2 x 1.2 mm 7C Series

Oscillators
Series

Features

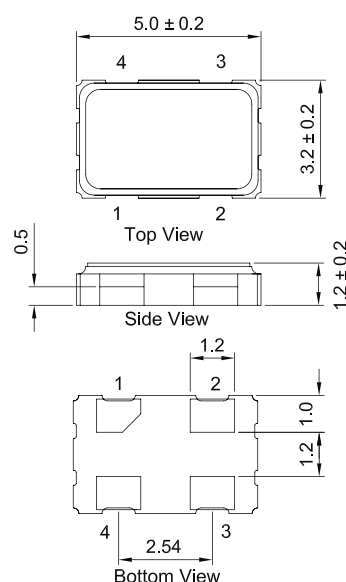
- Small SMD seam sealed clock crystal oscillator units.
- High precision characteristic covering up to wide frequency range.
- Designed for automatic mounting and reflow soldering.
- Tri-State function available.
- Supply voltage range : 1.8 V ~ 5.0 V.
- High stability, low jitter, low power consumption.
- Main application : wireless communication set, PDA, and DSC.
- RoHS Compliant / Pb Free.



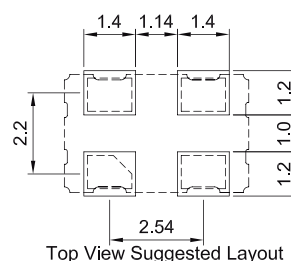
Electrical Specifications

Item / Type		7C		
Output Type		CMOS		
Output Load		15 pF , 30 pF		
Oscillation Mode		Fundamental / 3rd Overtone		
Supply Voltage		1.8 V	2.5 V , 2.8 V , 3.3 V	5 V
Frequency Range		1 ~ 150 MHz		
Frequency Stability		± 20 ppm , ± 25 ppm , ± 30 ppm , ± 50 ppm		
Operating Temperature Range		- 10 ~ + 70 °C , - 40 ~ + 85 °C		
Storage Temperature Range		- 55 ~ + 125 °C		
Voltage Vol (Max.) / Voh (Min.)		0.1 VDD / 0.9 VDD		
Rise (Tr) / Fall (Tf) Time		8 ns Max.		
Current Consumption	1-75 MHz	5 mA Max.	10 mA Max.	20 mA Max.
	75-150 MHz	15 mA Max.	20 mA Max.	NA
Symmetry		40 ~ 60 %		
Start-up Time		5 ms Max.		
Phase Jitter (12 KHz ~ 20 MHz)		1 ps Max.		
Aging (at 25 °C)		± 3 ppm / year Max.		

Dimensions



PAD FUNCTION:
1: ENABLE CONTROL
2: GND
3: OUT
4: VDD



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>

Mouser Electronics

Authorized Distributor

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TXC Corporation:

<u>7C24000002</u>	<u>7C50000015</u>	<u>7C75000048</u>	<u>7C20000003</u>	<u>7C24000006</u>	<u>7CA2502001</u>	<u>7C40000067</u>	<u>7C48000023</u>
<u>7C24000012</u>	<u>7C50077004</u>	<u>7C66602003</u>	<u>7C24500002</u>	<u>7C33370001</u>	<u>7C25000187</u>	<u>7C50000001</u>	<u>7C24070007</u>
<u>7CA0002001</u>	<u>7C83330001</u>	<u>7C25077004</u>	<u>7C80000014</u>	<u>7C40000281</u>	<u>7C25000141</u>	<u>7C25000123</u>	<u>7C50077002</u>
<u>7C26000083</u>	<u>7C22500002</u>	<u>7C40000290</u>	<u>7C25002005</u>	<u>7C75000600</u>	<u>7C24020001</u>	<u>7C16000017</u>	<u>7C33300006</u>
<u>7CA0020001</u>	<u>7CA2570003</u>	<u>7C50070004</u>	<u>7C25000011</u>	<u>7C06123001</u>	<u>7C38470004</u>	<u>7C08000001</u>	<u>7C27000012</u>
<u>7C50032001</u>	<u>7C25000016</u>	<u>7C04000061</u>	<u>7C27000014</u>	<u>7C66000012</u>	<u>7C50000060</u>	<u>7C40000076</u>	<u>7C33000057</u>
<u>7C35000001</u>	<u>7C42100001</u>	<u>7C24500007</u>	<u>7C60000027</u>	<u>7C25070001</u>	<u>7CA5672001</u>	<u>7C40000192</u>	<u>7C66600009</u>
<u>7CA0000008</u>	<u>7CA0000009</u>	<u>7C66600049</u>	<u>7C75077001</u>	<u>7C24070002</u>			