



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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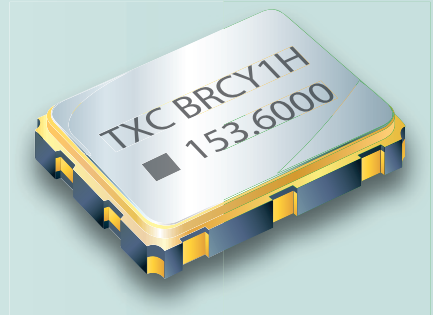


SMD CMOS VCXO - Single End Output 7.0 x 5.0 x 1.3 mm BR Series

Oscillators
 Series

Features

- Voltage Controlled Crystal Oscillator (VCXO).
- Fundamental solution.
- CMOS output, output frequencies 50 MHz to 200 MHz.
- Wide pull range and good linearity.
- Excellent low phase noise and jitter.
- Tri-State function available.
- Main applications : SDH/ SONET, Ethernet, Base Stations.
- RoHS Compliant / Pb Free.

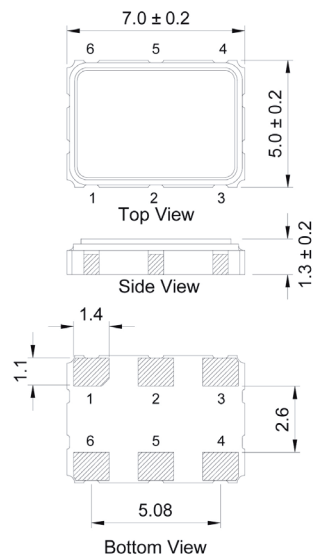


Electrical Specifications

Item / Type	BR
Output Type	CMOS
Output Load	15 pF, or specify
Oscillation Mode	Fundamental
Supply Voltage (VDD)	3.3 V
Frequency Range	50 ~ 200 MHz
Operating Temperature Range	- 10 ~ +70 °C , - 40 ~ + 85 °C, or specify
Storage Temperature Range	- 55 ~ + 125 °C
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD
Rise (Tr) / Fall (Tf) Time (20 % ~ 80 %)	5 nS Max.
Supply Current	60 mA Max.
Symmetry	45 ~ 55 %
Start-up Time	10 mS Max.
Absolute Pulling Range (APR) *	± 50 ppm Min , or specify
Nominal Control Voltage	0.5 VDD
Control Voltage Range	0 ~ VDD
Linearity	10% Max.
Phase Jitter (12 KHz ~ 20 MHz)	1pS Max.

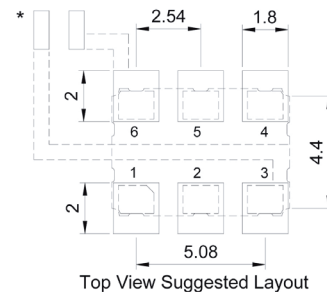
* APR=(Pull Range) - (Frequency tolerance at 25 °C, variation over temperature, supply voltage variation, and aging.)

Dimensions



PAD FUNCTION:
 1: CONTROL VOLTAGE
 2: ENABLE CONTROL or NC
 3: GND
 4: OUT
 5: NC
 6: VDD

*:External high frequency power supply decoupling required.



Units: mm

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