



Hubei Dongguang Electronics Co., Ltd.

湖北东光电子股份有限公司

VC_TCXO Series Crystal DataSheet

- Part No: CZTFU-XXXXXXX-ABC1, eg. CZTFU-012800000-ABC1
- Used for mobile phone、PDA、GPS、bluetooth etc.
- High precision and High Stability

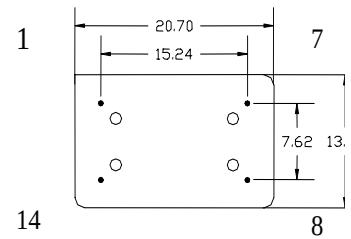
PARAMETERS:

PACKAGE TAPE	DIP14	unit
Supply voltage	3.3\5.0±5%	V
Supply current	<20 (20MHz)	mA
Frequency range	1.25~160	MHz
Frequency Stability @ 25°C±2°C	±1	ppm
Stability	±2.5/-30~85°C	ppm
Frequency Pulling Range	30/0.5~2.5V	ppm
Aging	±1	ppm
Output waveform	TTL/HCMOS	
Phase noise	100Hz:	-110 Bc/Hz
	1kHz	-130 Bc/Hz
	10kHz	-140 Bc/Hz

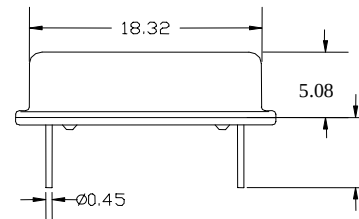
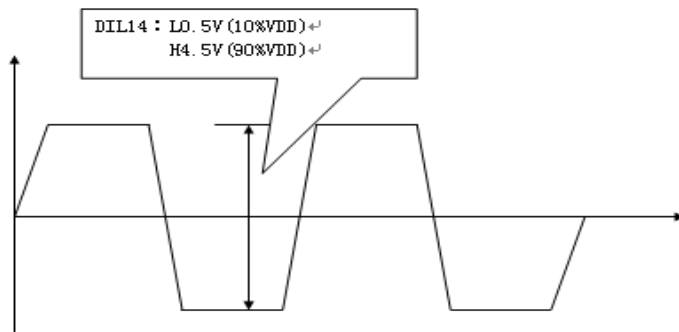
Figure:



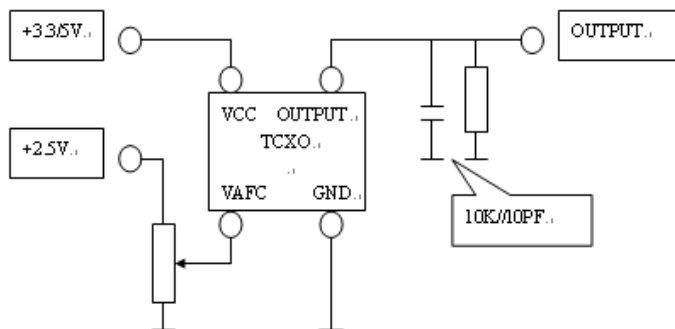
Dimension: Unit: mm



Output waveform:



Test circuit:



PIN FUNCTION:

PIN	SYMBOL	FUNCTION
1	VAFC	Control Voltage
7	GND	Ground
8	OUTPUT	Output
14	VCC	Supply Voltage