Shenzhen Dongguang Information Electronics Co.,Ltd.
深圳市东光信息技术发展有限公司

DIP Type (VC)TCXO (Full Size)

■ FEATURES:

- For automatic assembly
- Compactness and light weight
- VCTCXO available

■ SPECIFICATION:

Parameter	Min	Typical	Max	Unit
Package	FULL SIZE			
Frequency Range(F0)	1.25		40.00	MHz
Standard Frequency	13.000、16.368、19.200、26.000			MHz
Frequency Stability @T^{OPR}(△F/F0)			±1.0(0℃ to +50℃) ±1.5(0℃ to +70℃) ±2.0(-20℃ to +70℃) ±2.5(-30℃ to +75℃) ±3.0(-40℃ to +85℃)	PPM
Frequency Stability @ Load(△F/F0)			±0.3(±10% Load Change)	PPM
Frequency Stability @ Vcc(△F/F0)			±0.2	PPM
Aging Per Year			±1.0	PPM
Phase Noise@19.20MHz			-110dBC/Hz(100Hz) -140dBC/Hz(1KHz) -150dBC/Hz(10KHz)	
Operating Temperature Range(T^{OPR})	-40		+85	℃
Storage Temperature Range(T^{STG})	-55		+125	℃
Operating Voltage(Vcc)	5.0±10% or 3.3±10%			V
Input Current On Load(Icc)	Clipped Sine Wave		2(1.25.00 to15.99MHz)	mA
	Clipped Sine Wave		3(16.00 to 24.00MHz)	
	CMOS		25(2.50 to 40.00MHz)	
Start Time			2	ms
Output Load	10KΩ//10 PF(Clipped Sine Wave)、15PF(CMOS)			
Output Level(Clipped Sine Wave)	0.8Vp-p			V
Output High Voltage Level("1")(CMOS)	90%VCC			V
Output Low Voltage Level("0")(CMOS)			10%VCC	V
Control Voltage Range(Vcontrol)	20%VCC		80%VCC	V
Pull ability@Control Voltage Range	±5.0			PPM

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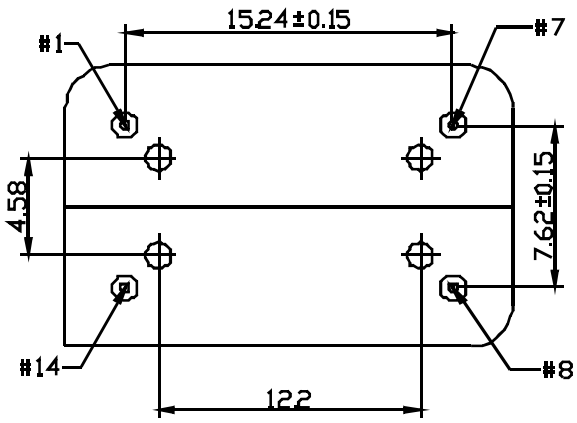
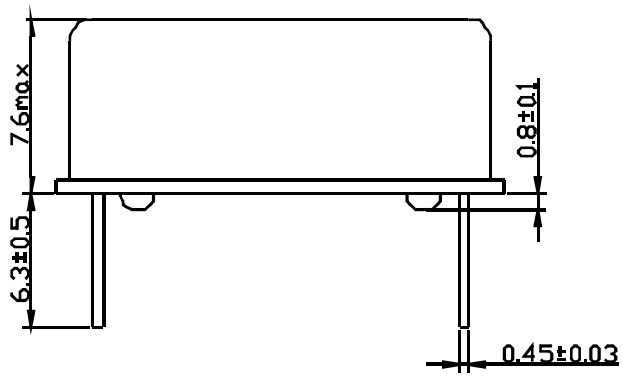
■ DIMENSIONS AND PIN FUNCTION:





PIN	Function
#1	NC/Vcontrol
#7	GND
#8	Output
#14	Vcc

Full Size Unit:mm