

DATENBLATT / DATASHEET



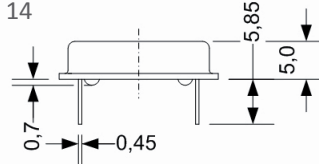
Specification: QTXO-DIL14

Oszillator: XO

Date: 25.03.2009
ROHS compliance



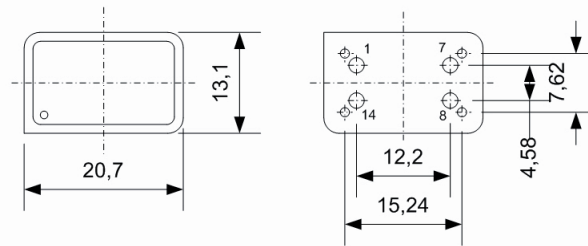
ENCLOSURE
DIL 14



- 1 frei
- 7 Masse
- 8 HF-Ausgang
- 14 Betriebsspannung

PIN CONNECTIONS

- 1 NC
- 7 Gnd
- 8 RF output
- 14 V_{DD}



PARAMENTER	MIN	TYP	MAX.	UNIT	NOTE
Frequency range	9		110	MHz	
Frequency stabiilty					
Nominal tolerance	± 5		± 20	ppm	
vs. temperature in operating temp. range	± 5		± 50	ppm	
vs. supply voltage			± 2	ppm	
vs. load change			± 2	ppm	
aging			< 3	ppm	+25°C, 1st year
Supply voltage		5		V	
		3,3		V	
Current consumption	20		40	mA	¹⁾
RF output					
Signal waveform		HCMOS			
load		15		pF	
duty cycle		45 - 55		%	
rise / fall time			10	ns	
start-up time			10	ms	
Operating temperature range	-30		+85	°C	
Storage temperature range	-55		+125	°C	
Phase noise		<-120		dBc/Hz	at 100Hz
Enclosure	DIL-14				(see drawing)
ESD rating (HBM)			1,5	kV	

Note: ¹⁾ frequency dependent