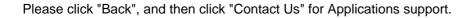
Engineering Development Model

Voltage Controlled Oscillator

ROS-EDR5057/1

Important Note

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.





CASE STYLE: CK605

ELECTRICAL SPECIFICATIONS 50Ω					
Parameter	Min.	Тур.	Max.	Units	
Frequency	922		952	MHz	
Tuning Voltage	0.5		5	V	
Power Output		+3.5		dBm	
Phase Noise					
at 1 kHz offset		-87		dBc/Hz	
at 10 KHz offset		-111		dBc/Hz	
at 100 KHz offset		-130		dBc/Hz	
at 1000 kHz offset		-149		dBc/Hz	
Pulling at 12 dBr PK-PK all phases		0.7		MHz	
Pushing at Vcc=5V±0.25V		0.2		MHz/V	
Tuning Sensitivity		11 - 14		MHz/V	
Harmonic Suppression		-32	-23	dBc	
3 dB Modulation Bandwidth		7000		kHz	
Supply Voltage		5		V	
Supply Current			20	mA	

MAXIMUM RATINGS		
Operating Temperature	-55°C to 85°C	
Storage Temperature	-55°C to 100°C	
Absolute Supply Voltage (Vcc)	+7V	
Absolute Tuning Voltage (Vtune)	+7V	

PIN CONNECTIONS		
RF OUT	10	
vcc	14	
V-TUNE	2	
GROUND	1,3,4,5,6,7,8,9,11,12,13,15,16	