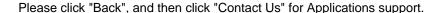
Voltage Controlled Oscillator

ROS-ED10092B/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. Max. Units Тур. Frequency 170 155 MHz **Tuning Voltage** 1 - 9 V **Power Output** +9 dBm **Phase Noise** at 1 kHz offset -93 dBc/Hz at 10 KHz offset -118 dBc/Hz at 100 KHz offset -138 dBc/Hz at 1000 kHz offset dBc/Hz -158 Pulling at 12 dBr PK-PK all phases 0.05 MHz Pushing at Vcc ± 5% 0.07 MHz/V **Tuning Sensitivity** 4 - 9 MHz/V **Harmonic Suppression** -20 0 dBc 3 dB Modulation Bandwidth 20000 kHz Supply Voltage 10 V **Supply Current** 25 mΑ

MAXIMUM RATINGS	
Operating Temperature	-55°C to 85°C
Storage Temperature	-55°C to 100°C
Absolute Supply Voltage (Vcc)	+12V
Absolute Tuning Voltage (Vtune)	+11V

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