



Test report is for reference only.

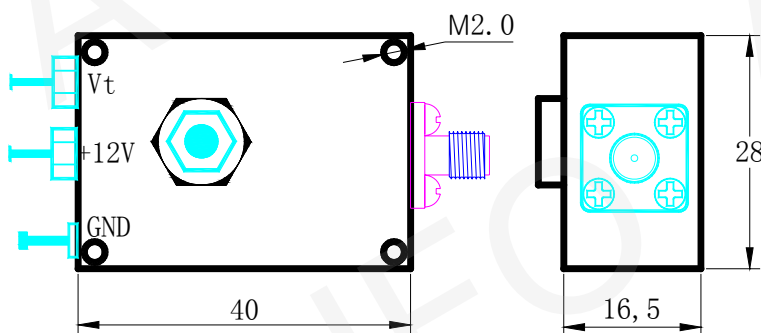
TEST REPORT
For
JXWBFRDRO-T-9390



Technical Specification

Frequency(MHz)	9390
Power Output(dBm)	10-12
Phase Noise(dBc/Hz)	-85 @ 10KHz
	-115 @ 100KHz
Mechanical Tuning(MHz)	+/-60
Electrical Tuning(MHz)	15
Electrical Tuning Voltage(V)	0-15
Supply Voltage(V)	+12
Supply Current(mA)	80 max
Harmonics(dBc)	-30 max
Spurious(dBc)	-80 max
Temperature Stability	$\pm 6\text{ppm}/^{\circ}\text{C}$
	$\pm 1\text{dB}$
Load Pulling(KHz)	+/-100
Pushing(ppm/V)	212(200KHz/V)
Operating Temperature($^{\circ}\text{C}$)	-40 ~ +85
Storage Temperature($^{\circ}\text{C}$)	-55 ~ +90
Connector	SMA-Female
Net Weight(Kg)	0.07 Around

Outline Drawing (Size: mm)



Test Results

+25°C

Frequency (GHz)	Power Output (dBm)	Power Supply (V/mA)	Phase Noise (dBc/Hz)		Electrical Tuning(0-15V) (MHz)		Harmonics (dBc)	Spurious (dBc)
			@10KHz	@100KHz	Start Freq.	Stop Freq.		
9.39	10.8	12/60	-98.2	-118.2	9.3805	9.4006	-37.3	≤-80

-40°C

Frequency (GHz)	Power Output (dBm)	Power Supply (V/mA)	Phase Noise (dBc/Hz)		Electrical Tuning(0-15V) (MHz)		Harmonics (dBc)	Spurious (dBc)
			@10KHz	@100KHz	Start Freq.	Stop Freq.		
9.3900	11.5	12/60	-94.3	-114.3	9.3809	9.4019	-41.8	≤-80

+85°C

Frequency (GHz)	Power Output (dBm)	Power Supply (V/mA)	Phase Noise (dBc/Hz)		Electrical Tuning(0-15V) (MHz)		Harmonics (dBc)	Spurious (dBc)
			@10KHz	@100KHz	Start Freq.	Stop Freq.		
9.3900	10.4	12/70	-93.9	-113.8	9.3797	9.3993	-39.6	≤-80