



**BONN HUNGARY
ELECTRONICS**

**LOW NOISE
PHASE LOCKED VCO
WITH EXTERNAL REFERENCE**

**BOVX
Family
NDS # 208**

an ISO 9001 Certified Company

- VERY LOW PHASE NOISE
- LOW HARMONICS & SPURIOUS
- COMPACT SIZE

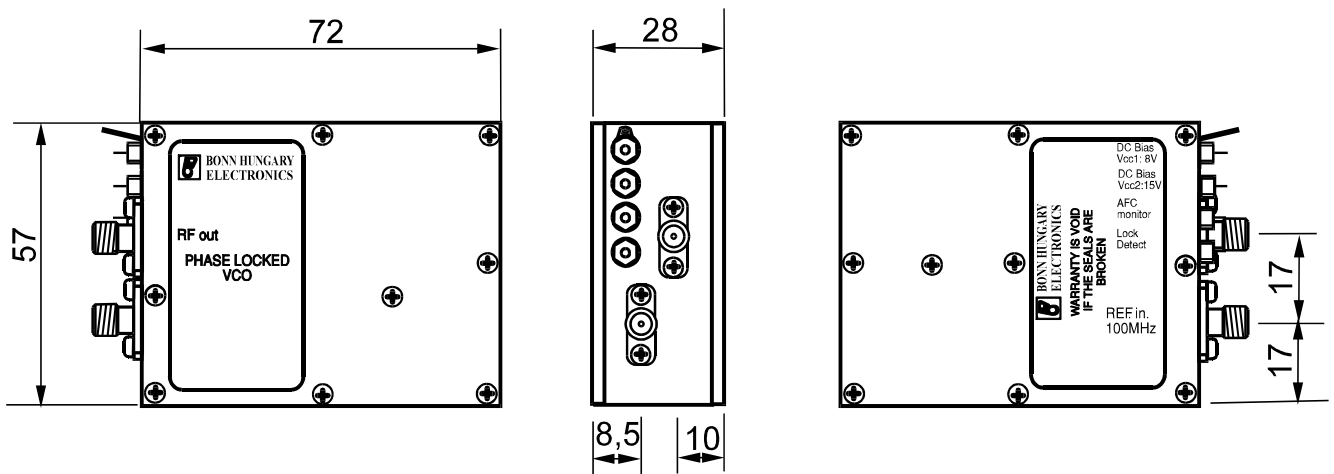


ELECTRICAL CHARACTERISTICS :

Operating Frequency Range		0.3 - 3 GHz		
Output Power		+ 10 dBm		
External Reference Frequency		10 MHz (optionally 100 MHz)		
External Reference Level		+ 3 dBm		
Harmonics		< - 60 dBc		
Spurious		< - 70 dBc		
Phase Noise	@ Frequency range (MHz)	300 - 600	600 - 1500	1500 - 3000
	(dBc/Hz) @ 100 Hz	< - 84	< - 77	< - 70
	(dBc/Hz) @ 1 kHz	< - 110	< - 102	< - 95
	(dBc/Hz) @ 10 kHz	< - 120	< - 112	< - 105
	(dBc/Hz) @ 100 kHz	< - 130	< - 112	< - 105
	(dBc/Hz) @ 1 MHz	< - 140	< - 135	< - 130
DC Supply		+ 12 V / 150 mA		
Operating temperature range		- 30 to + 70 °C		

Specifications are subject to change without notice.

OUTLINE DIMENSIONS (mm):



BONN Elektronik 
RF Systems, Instruments and Components

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