BSVC16

FINE STEP LCD DISPLAY SYNTHESIZER

- **LOW PHASE NOISE**
- **FINE FREQUENCY STEP**
- **EASY PROGRAMMING**
- **NON VOLATILE MEMORY**
- **LCD DISPLAY**
- **COMPACT DESIGN**

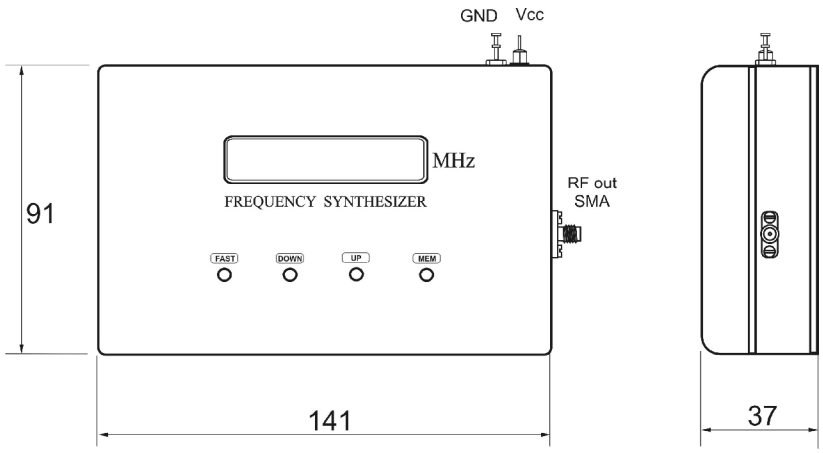
This synthesizer is intended for use in professional applications as programmable local oscillator, where clean output signal, fine step, compact size, easy handling and modest price are important factors. Main applications are in satellite and telecommunications systems, instrumentation.

Electrical characteristics:

Frequency Range	4000 – 5000 MHz
Frequency Steps	1kHz
Internal Reference Stability.	±0. 2 ppm
Harmonics	-60dBc typ, -50 dBc max
Output Power	+10 dBm minimum
Output impedance	50 Ohm
Phase Noise (dBc/Hz) @1kHz	< -85
@10kHz	<-90
@100 kHz	< -100
Spurious	-60dBc typ, -50dBc max.
Operating Temperature Range	0 to + 50 °C
FrequencyAdjustment	LCD Display, Fast, UP,Down, Mem push buttons
DC&Lock connectors	Solder pins
RF connectors	SMA-F
Power Supply	+15 V / 420mA typ
Dimension	141*91*37

Specifications are subject to change without notice
Optional: External 10MHz reference input (BSVC16-E)

Outline dimensions (mm):



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