

FEATURES

- Fixed-Frequencies to 10 GHz
- Optional Internal Reference
- Optional Reference Detect Switch
- Internal Reference Output Available



Custom Designs Available

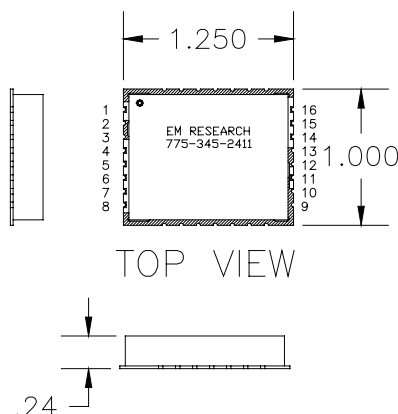


SPECIFICATIONS

Frequency Range	5 MHz to 10 GHz	Phase Noise (dBc/Hz)	2000 MHz	8000 MHz
Bandwidth	Fixed	1 KHz Offset	<-95	<-90
External Reference	5 to 200 MHz	10 KHz Offset	<-105	<-95
Internal Reference (Optional)	$\leq \pm 2.5$ ppm, Stability	100 KHz Offset	<-125	<-110
Power Output	up to +18 dBm	1 MHz Offset	<-145	<-130
Harmonics	<-20 dBc	Temperature Ranges (Operating)		
Spurs	<-70 dBc			
Supply Options	+3.3, +5 VDC	Standard	-20°C to +60°C	
Current	≤ 250 mA	Other Available Ranges	-30°C to +70°C	
			-40°C to +85°C	
Package Size	1.25" x 1" x 0.25"			
	(31.8 x 25.4 x 6.4)mm			

Note: All specifications are typical unless otherwise specified and subject to change without notice. Not all performance parameters are available in combination with certain specifications. E.G. Not all power output levels are available at all frequency ranges.

PACKAGE OUTLINE



Notes:

1. Tape-and-Reel available for high volume quantities.
2. Demoboards and Reference Modules available.
3. All dimensions are in inches unless otherwise specified.
4. Diagrams and pictures shown are examples only.

HFS Series_Fixed_Product Overview Datasheet, Rev A, 6.14.12