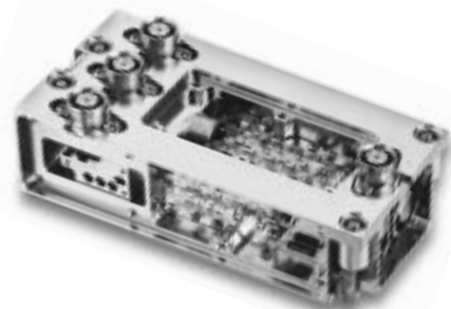


SPECIAL FEATURES

- **3 Independent Channels:** 2.6, 5.2 & 6.9 GHz
- **Low Power Dissipation:** 2.1 W
- **Small Package:** < 7.5 cubic inches
- **Wide Operating Temperature:** - 54 to + 115 °C



This multi-output crystal oscillator design combines excellent power management and low profile packaging. Three independent oscillators are included while the entire unit consumes only 2.1 W and occupies less than 7.5 cubic inches. The unit is a form-fit-and-func-

tion replacement for stand-alone oscillators, and is comprised of three AT-cut XOs, six multipliers, six narrowband filters and five power amplifiers. Also featured are wide operating temperatures; stability is met without temperature compensation.

ELECTRICAL SPECIFICATIONS

	(J 2)	(J 3)	(J 4)
Operating Frequency (GHz):	2.6	5.2	6.9333
Accuracy:			
(MHz, maximum)	± 1	± 1	± 1
(kHz, typical)	± 150	± 200	± 200
Temperature Stability:			
(kHz, typical)	± 100	± 70	± 100
	(± 39 ppm)	(± 14 ppm)	(± 23 ppm)
Output Power (dBm):	+ 2	+ 2	0
Output Power Tolerance (dB):	± 2	± 2	± 2
Spurious (dBc, typical):	> - 50	- 47	> - 50
Harmonics (maximum):	- 25 dBc	- 25 dBc	- 25 dBc
Output VSWR:	2.0:1, maximum		
DC Power:	+ 15 V ± 1% @ 140 mA, nominal		
Power Consumption:	2.1 W, nominal		

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature:	- 54 to + 115 °C, baseplate
Environment:	Airborne and Ground

MECHANICAL SPECIFICATIONS

Size (excluding connectors):	3.78 x 1.7 x 1.16 inches
	96 x 43 x 29 mm
Weight:	9 oz (250 g), nominal
Connectors:	SMA Female (RF); 14-Pin (DC)

Specifications subject to change without notice.