New Products Released by PLANAR MONOLITHICS INDUSTRIES, INC (PMI) on January 7, 2014

- 1.0 P2T-100M40G-95-T-512-292FF : 0.1 to 40.0GHz, SP2T, Absorptive Switch
- 2.0 DRO-7D7G-CD-1: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 7.7GHz
- 3.0 DRO-9D7G-CD-1: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 9.7GHz
- 4.0 DRO-11D7G-CD-1: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 11.7GHz
- 5.0 DRO-12D3G-CD-1: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 12.3GHz
- 6.0 DRO-14D3G-CD-1: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 14.3GHz
- 7.0 DRO-16D3G-CD-1: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 16.3GHz

1.0: 0.1 to 40.0GHz, SP2T, Absorptive Switch

PMI Model No. P2T-100M40G-95-T-512-292FF

PMI Model No. P2T-100M40G-95-T-512-292FF is an absorptive, single pole, two throw pin diode switch that operates over the frequency range of 0.1 to 40.0GHz. This model incorporates a TTL compatible driver for easy system integration.

Please Click PMI Website Link, http://www.pmi-rf.com/Products/Switches/P2T-100M40G-95-T-512-292FF.htm
2.0: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 7.7GHz

PMI Model No. DRO-7D7G-CD-1

PMI Model No. DRO-7D7G-CD-1 is a Dielectrically stabilized GaAs FET Oscillator with a center frequency of 7.7GHz. This model provides minimum output power of +11dBm with all spurs held to -55dBc and harmonics held to -20dBc. The mechanical tuning frequency is +/-25MHz and the unit has a phase noise of -80dBc/Hz. The unit requires +15VDC and 150mA and measures 1.60" x 2.75" x 1.04"

Please Click PMI Website Link, http://www.pmi-rf.com/Products/dro/DRO-7D7G-CD-1.htm

3.0: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 9.7GHz

PMI Model No. DRO-9D7G-CD-1

PMI Model No. DRO-9D7G-CD-1 is a Dielectrically stabilized GaAs FET Oscillator with a center frequency of 9.7GHz. This model provides minimum output power of +11dBm with all spurs held to -55dBc and harmonics held to -20dBc. The mechanical tuning frequency is +/-25MHz and the unit has a phase noise of -75dBc/Hz. The unit requires +15VDC and 150mA and measures 1.35" x 1.98" x 1.04"

Please Click PMI Website Link, http://www.pmi-rf.com/Products/DRO/DRO-9D7G-CD-1.htm

4.0: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 11.7GHz
PMI Model No. DRO-11D7G-CD-1

PMI Model No. DRO-11D7G-CD-1 is a Dielectrically stabilized GaAs FET Oscillator with a center frequency of 11.7GHz. This model provides minimum output power of +11dBm with all spurs held to -55dBc and harmonics held to -20dBc. The mechanical tuning frequency is +/-25MHz and the unit has a phase noise of -75dBc/Hz. The unit requires +15VDC and 150mA and measures 1.06" x 1.63" x 0.98"

Please Click PMI Website Link, http://www.pmi-rf.com/Products/DRO/DRO-11D7G-CD-1.htm

5.0: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 12.3GHz

PMI Model No. DRO-12D3G-CD-1

PMI Model No. DRO-12D3G-CD-1 is a Dielectrically stabilized GaAs FET Oscillator with a center frequency of 12.3GHz. This model provides minimum output power of +11dBm with all spurs held to -55dBc and harmonics held to -20dBc. The mechanical tuning frequency is +/-25MHz and the unit has a phase noise of -75dBc/Hz. The unit requires +15VDC and 150mA and measures 1.06" x 1.63" x 0.98"

Please Click PMI Website Link, http://www.pmi-rf.com/Products/DRO/DRO-12D3G-CD-1.htm

6.0: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 14.3GHz

PMI Model No. DRO-14D3G-CD-1

PMI Model No. DRO-14D3G-CD-1 is a Dielectrically stabilized GaAs FET Oscillator with a center
A frequency of 14.3GHz. This model provides minimum output power of +11dBm with all spurs held to -55dBc and harmonics held to -20dBc. The mechanical tuning frequency is +/-25MHz and the unit has a phase noise of -70dBc/Hz. The unit requires +15VDC and 150mA and measures 1.06" x 1.63" x 0.98"

Please Click PMI Website Link, http://www.pmi-rf.com/Products/DRO/DRO-14D3G-CD-1.htm

7.0: Dielectrically stabilized GaAs FET Oscillator with a center frequency of 16.3GHz

![Image of Dielectrically stabilized GaAs FET Oscillator](image)

PMI Model No. DRO-16D3G-CD-1

PMI Model No. DRO-16D3G-CD-1 is a Dielectrically stabilized GaAs FET Oscillator with a center frequency of 16.3GHz. This model provides minimum output power of +11dBm with all spurs held to -55dBc and harmonics held to -20dBc. The mechanical tuning frequency is +/-25MHz and the unit has a phase noise of -70dBc/Hz. The unit requires +15VDC and 150mA and measures 1.06" x 1.63" x 0.98"

Please Click PMI Website Link, http://www.pmi-rf.com/Products/DRO/DRO-16D3G-CD-1.htm

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**DC to 40GHz Components, Modules, and Systems**

PMI offers just about any RF/Microwave component, module, or system for both commercial and military based requirements. Please click on the product types below to be directed to our web site catalog. Components and modules can be modified to meet your exact requirement. *(Click on links below to be directed to the web listings)*

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![Threshold Detectors](image)

![Filters & Switch Filter Banks](image)

![Dielectric Resonator Oscillators](image)
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- Phase Detectors
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- Clock Generators
- Couplers
- Many Others - Click here for additional information.

We truly value your interest in our companies and our products. We appreciate your feedback. Please feel free to contact us with any requirements or questions that you may have.

Sincerely,

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