New Products Released by 
PLANAR MONOLITHICS INDUSTRIES, INC (PMI) 
on January 1, 2014

- 1.0 SDLVA-218-44-70M: 2.0 to 18.0GHz, DLVA with a logging range of -40 to +4dBm
- 2.0 DD-20-218-5PF-3-P-M: 2.0 to 18.0GHz, High Speed Diode Detector
- 3.0 PE2-30-9R010R0-2R5-21-12-SFF: 9.0 to 10.0GHz, Low Noise Amplifier with 30dB typ. Gain

1.0: 2.0 to 18.0GHz, DLVA with a logging range of -40 to +4dBm

PMI Model No. SDLVA-218-44-70M

PMI Model No. SDLVA-218-44-70M is a Detector Log Video Amplifier (DLVA) designed to operate over the 2.0 to 18.0GHz frequency range. This model offers a logging range of -40 to +4dBm having a log slope of 70mV/dB. The logging linearity is better than ±0.75dB and the rise time is 25nsec maximum and the fall time 300nsec maximum. This model operates on ±15VDC and is supplied in a small housing measuring only 2.2" x 1.5" x 0.4".

Please Click PMI Website Link, 
http://www.pmi-rf.com/Products/dlva/SDLVA-218-44-70MV.htm

2.0: 2.0 to 18.0GHz, High Speed Diode Detector
PMI Model No. DD-20-218-5PF-3-P-M

PMI Model Number DD-20-218-5PF-3-P-M is a high speed Diode Detector optimized for the 2 to 18GHz frequency range. This model offers a fast response of 5nsec, a TSS of -50dBm at 2MHz video bandwidth and a Video Capacitance of 5.6pF. The output voltage polarity is positive, but a negative polarity is available upon request. This model is offered in a small housing measuring only 0.50" x 0.50" x 0.22".

Please Click PMI Website Link, 
http://www.pmi-rf.com/Products/detectors/DD-20-218-5PF-3-P-M.htm

3.0: 9.0 to 10.0GHz, Low Noise Amplifier with 30dB Gain and Noise Figure of 2.5dB

PMI Model No. PE2-30-9R010R0-2R5-21-12-SFF

PMI Model No. PE2-30-9R010R0-2R5-21-12-SFF is a low noise amplifier that operates over the 9.0 to 10.0GHz frequency range. This model provides a typical gain of 30dB while maintaining a noise figure of 2.5dB and a OP1dB of 21dBm minimum. The input and output VSWR is better than 2.0:1 and this model operates on +12 to +15VDC. The connectors are SMA female and is offered in PMI's standard PE2 housing.

Please Click PMI Website Link, 
http://www.pmi-rf.com/Products/amplifiers/PE2-30-9R010R0-2R5-21-12-SFF.htm

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)
Dielectric Resonator Oscillators

Diode Detectors

Digital Attenuators

Digitally Tuned Oscillator

Frequency Discriminators

I/Q Vector Modulators

Limiters

Multifunction Integrated Assemblies

Phase Shifters

Power Dividers/Combiners

Quadrature Couplers

SDLVA's

Switch Matrices
DLVA / ERDLVA

Receiver Front Ends

SMT and QFN Packaging

Rack Mount & Chassis Products

Solid-State Switch Products

Switchable Low-Noise LNA's

OEM & Obsolete Parts Support

In-Stock items that ship the same day!!

"NEW" Products offered by PMI: High Quality - Custom Tailored Solutions

- Voltage Controlled Oscillators (VCO's)
- Frequency Sources (Synthesizers & Phase Locked Loops)
- Solid State RF Attenuators
- Frequency Multipliers
- 90 and 180 Degree Hybrids
- Single Side-Band Modulators and Image Rejection Mixers
- Down Converter Modules
- Test Loop Translators
- Phase Detectors
- Phase Comparators
- Clock Generators
- 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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We accept: