New Products Released by PLANAR MONOLITHICS INDUSTRIES, INC (PMI) on January 29, 2014

- 1.0 P6T-2G18G-60-T-512-SFF-LV: 2.0 to 18.0GHz, SP6T, Absorptive, Low Video Transient, Solid State Switch
- 2.0 PS-5G18G-400-A-SFF: 5.0 to 18.0GHz, Low Phase Noise, Analog Phase Shifter

**1.0: 2.0 to 18.0GHz, SP6T, Absorptive, Low Video Transient, Solid State Switch**

PMI Model No. P6T-2G18G-60-T-512-SFF-LV

PMI Model No. P6T-2G18G-60-T-512-SFF-LV is a single pole, six throw, absorptive, low video transient, solid state switch operating over the frequency range of 2.0 to 18.0GHz. This model has a maximum insertion loss of 4.0dB and a minimum isolation specification of 60dB with video transients of 2mV typically. It operates at 23dBm CW maximum and has a survival specification of 27dBm CW maximum and offers a typical switching speed of 30ns. The unit is supplied with removable SMA(F) connectors in a hermetically sealed housing that measures 1.5” x 2.0” x 0.4”.

Please Click PMI Website Link, [http://www.pmi-rf.com/Products/Switches/P6T-2G18G-60-T-512-SFF-LV.htm](http://www.pmi-rf.com/Products/Switches/P6T-2G18G-60-T-512-SFF-LV.htm)

**2.0: 5.0 to 18.0GHz, Low Phase Noise, Analog Phase Shifter**
PMI Model No. PS-5G18G-400-A-SFF is a 5 to 18GHz, Low Phase Noise, Analog Phase Shifter with Capability for Phase Shifting from 0 to 400 Degrees. The unit operates from a single positive control voltage of 0 to +10VDC with a phase voltage sensitivity of 40 degrees per volt. This model offers a typical modulation bandwidth of 50MHz and is supplied in our PE2 housing measuring only 1.08" x 0.71" x 0.29" and can be used with the SMA connectors or in a surface mount configuration. A new test report has been added to our web site wish contains phase noise data.

Please Click PMI Website Link, http://www.pmi-rf.com/Products/phaseshift-biphasemod/phaseshifters/PS-5G18G-400-A-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)

Low Noise Amplifiers
Threshold Detectors
Filters & Switch Filter Banks
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 products - Same Day Shipping

"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
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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