New Products Released

PLANAR MONOLITHICS INDUSTRIES, INC (PMI)
on July 21, 2015

NEW PRODUCTS

Switches (Solid State)
1.0 P8T-20M6G-80-R-515-SFF: 20.0 MHz to 6.0 GHz, Single Pole, Eight Throw, Reflective Switch.

Phase Shifter
2.0 PS-255-2G18G-8B-SFF: 2.0 to 18.0 GHz, 8-Bit Digitally Controlled Phase Shifter.

High Power Limiter
3.0 LM-18G40G-SMT-1: 18.0 to 40.0 GHz, High Power Limiter.

Power Dividers
4.0 APD-4-3D13D5-40W-SFF: 3.1 to 3.5 GHz, 4-Way Power Divider Module.
5.0 APD-8-3D13D5-40W-SFF: 3.1 to 3.5 GHz, 8-Way Power Divider Module.

NEW PRODUCT LISTINGS

1.0: 20.0 MHz to 6.0 GHz, 20.0 MHz to 6.0 GHz, Single Pole, Eight Throw, Reflective Switch

PMI Model No. P8T-20M6G-80-R-515-SFF
PMI Model No. P8T-20M6G-80-R-515-SFF is a single pole, eight throw, reflective switch module with low insertion loss, high isolation and an integral decoded 3-bit TTL driver designed for 20 MHz to 6.0 GHz operation. The unit has a maximum switching speed of 250 ns and maximum operating power of 23 dBm CW max.


2.0: 2.0 to 18.0 GHz, 8-Bit Digitally Controlled Phase Shifter

PMI Model No. PS-255-2G18G-8B-SFF

PMI Model No. PS-255-2G18G-8B-SFF is a 2.0 to 18.0 GHz 8 Bit Digitally Controlled Phase Shifter with capability for phase shifting from 0° of 255° with resolution as fine as 1.0°. This unit has a typical insertion loss of 18 dB and a typical VSWR of 2.5:1. The DC Voltage requirement is +12 V to +15 V with typical current draw of 200 mA. The unit is supplied in a housing measuring 2.0" x 2.1" x 0.5".

Please Click PMI Website Link, http://www.pmi-rf.com/Products/phaseshift-biphasemod/phaseshifters/PS-255-2G18G-8B-SFF.htm

3.0: 18.0 to 40.0 GHz, High Power Limiter

PMI Model No. LM-18G40G-SMT-1

PMI Model No. LM-18G40G-SMT-1 is a high power limiter capable of withstanding an input power level of 20 Watts, 440 to 670 nsec Pulse Width, PRF 600 to 900kHz, 40% Duty Cycle. This model operates in the 18 GHz to 40 GHz frequency range. The insertion loss is 4.0 dB maximum, VSWR of 2.0:1 and 250 nsec response time. This limiter is supplied on a surface mount / drop-in carrier that measures 0.198" x 0.270" x 0.016".

Please Click PMI Website Link, http://www.pmi-rf.com/Products/limiters/LM-18G40G-SMT-1.htm

4.0: 3.1 to 3.5 GHz, 4-Way Power Divider Module
PMI Model No. APD-4-3D13D5-40W-SFF

PMI Model No. APD-4-3D13D5-40W-SFF is a 3.1 GHz to 3.5 GHz 4-Way Power Divider that offers maximum insertion loss of 0.45 dB with 23 dB minimum port to port isolation. This power divider is port to port phase matched within ±2°. Field removable SMA female connectors are offered in a housing measuring 2.56" x 1.77" x 0.44".

Please Click PMI Website Link, http://www.pmi-rf.com/Products/power_divider/APD-4-3D13D5-40W-SFF.htm

5.0: 3.1 to 3.5 GHz, 8-Way Power Divider Module

PMI Model No. APD-8-3D13D5-40W-SFF

PMI Model No. APD-8-3D13D5-40W-SFF is a 3.1 GHz to 3.5 GHz 8-Way Power Divider that offers maximum insertion loss of 0.6 dB with 23 dB minimum port to port isolation. This power divider is port to port phase matched within ±2°. Field removable SMA female connectors are offered in a housing measuring 4.10" x 2.15" x 0.44".

Please Click PMI Website Link, http://www.pmi-rf.com/Products/power_divider/APD-8-3D13D5-40W-SFF.htm

DC to 40GHz Components, Modules, and Sub-Systems

PMI offers just about any RF/Microwave component, module, or sub-system for both industrial 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 and Switch Filter Banks
Solid-State Products

Switchable Low-Noise LNA's

In-Stock Products

OEM & Obsolete Parts Support

In-Stock items that ship the same day!!

We truly value your interest in our company 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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