Planar Monolithics Industries, Inc.
Offering State-Of-The-Art RF and Microwave Components & Integrated Assemblies From DC to 40GHz

PMI PUSHES THE LIMITS OF MIC & MMIC TECHNOLOGY & TECHNIQUES

18.0 to 40.0GHz Millimeter Wave Quad Phase & Amplitude Matched, Diplexed & Selective Receiver Front End

PMI MODEL NO. DGM-18G40G-292FF-DS

- Frequency Range: 18.0 to 40.0GHz
- Gain: 3.0dB min, 7.0dB max
- Amplitude Ripple: ±1.0dB Over Every 500 MHz
- Phase Matching: ±40° RMS, Channels 2, 3, 4 to Ref, Channel 1 Over Operating Temperature
- Diplexer K Band: 1dB Passband
- Diplexer Ka Band: 28.0GHz min, 40.0GHz max
- Crossover Band: 25.0GHz min, 28.0GHz max
- Crossover Excess: 5dB
- Attenuation: 60dB
- Communication Interference Immunity: 53dBm Pulsed RF, 900MHz - 2.5GHz Without Limiter or Amplifier Saturation

Functional Block Diagram

West Coast Operation:
4921 Robert J. Mathews Pkwy, Suite 1
El Dorado Hills, CA 95762 USA
Tel: 916-542-1401  Fax: 916-265-2597
ISO9001:2008 REGISTERED
Email: sales@pmi-rf.com

East Coast Operation:
7311-F Grove Road
Frederick, MD 21704 USA
Tel: 301-662-5019  Fax: 301-662-1731
ISO9001:2008 REGISTERED
Website: www.pmi-rf.com

Hermetic Sealing, High Reliability to Mil-Std-883, Small Quantity Requirements accepted & we offer Custom Designs too