



Planar Monolithics Industries, Inc.

UNIQUE SOLID STATE HIGH POWER SWITCHES

1.6 kW Peak, 250 us PW, 8% D.C.

130 Watts CW

6.0 to 18.0 GHz



P2T-6G18G-40-R-570-TFF-1D6KW

- Insertion Loss: 2.2 dB max.
- Isolation: 40 dB
- Switching Speed: 200 ns max.
- VSWR: 2.0:1 max.

2 Watts CW

0.5 to 18.0 GHz



P4T-500M18G-80-T-515-2W-IND

- Insertion Loss: 4.5 dB typ.
- Isolation: 80 dB min.
- Switching Speed: 200 ns max.
- VSWR: 2.0:1 max.

25 Watts CW

10 MHz to 6.0 GHz



P2T-10M6G-45-R-5V-SFF-HIP20W

- Insertion Loss: 2.5 dB typ., 2.8 dB max.
- Isolation: 25 dB typ., 20 dB min.
- Switching Speed: 100 ns max.
- VSWR: 2.0:1 typ.

5 kW Peak, 17 us PW, 2% D.C.

100 Watts CW

1.0 to 1.1 GHz



P2T-1G1R1G-25-R-TFF-100W

P2T-1G1R1G-25-R-TFF-40W

(4 kW, 3 us PW, 1% DC, 40 Watt CW Available)

- Insertion Loss: 0.8 dB max.
- Isolation: 25 dB min.
- Switching Speed: 275 ns typ.
- VSWR: 1.5:1 max.

5 Watts Peak

2 Watts CW

9.25 GHz (+/- 30)



P1T-9D25G-90-T-SFF-5W

- Insertion Loss: 1.5 dB goal
- Isolation: 80 dB min.
- Switching Speed: 10 ns max.
- VSWR: 1.9:1 max.

4 Watts CW

500 MHz to 18.0GHz



P2T-500M18G-80-T-515-SFF-4W

- Insertion Loss: 3.5 dB typ.
- Isolation: 70 dB min.
- Switching Speed: 200 ns max.
- VSWR: 2.0:1 max.

Amplifiers

Attenuators - Variable

DLVA & ERLVA & SDLVA's

DTO's & Frequency Synthesizers

Filters

Form, Fit & Function Products

IFM's & Frequency Discriminators

Integrated MIC/MMIC Modules

I/Q Vector Modulators

Limiters & Detectors

Log Amplifiers

Pulse & Bi-Phase Modulators

Phase Shifters

Rack & Chassis Mount Products

Receiver Front Ends & Transceivers

Single Sideband Modulators

SMT & QFN Products

Solid-State Switches

Switch Matrices

Switch Filter Banks

Threshold Detectors

USB Products



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