DESCRIPTION:
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER
FROM 2 GHz TO 18 GHz THAT HANDLES 200 WATTS PEAK POWER
WITH A PULSE WIDTH OF 1μSEC AND 0.1% DUTY CYCLE OR 1 WATT
CW.

SPECIFICATIONS:

- FREQUENCY: 2 TO 18 GHz
- INSERTION LOSS: 2.0 dB MAXIMUM @ Pin=-10dBm
- PEAK POWER: 200 WATTS, 1μsec and 0.1% Duty Cycle
- AVERAGE POWER: 1 Watt CW
- VSWR: 2.0:1 MAXIMUM
- LEAKAGE LEVEL: +14dBm MAXIMUM @ 1 Watt CW
- LOW LIMITING THRESHOLD: +6dBm TYPICAL
- RECOVERY TIME: 100nsec MAXIMUM @ Pin=27dBm
- CONNECTORS: SMA MALE / SMA FEMALE
- SIZE: 0.75 X 1.00 X .300 (H)
- WEIGHT: 1.5 OZ. TYPICAL
- FINISH: GRAY EPOXY POLIMIDE COATING IAW
  MIL–C–22750, TYPE 1 OVER EPOXY
  POLIMIDE PRIMER IAW MIL–P–23377,
  TYPE I, CLASS 1 OR 3.

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +125°C (OPERATING) – NOTE 1
  -65°C TO +125°C (STORAGE)
- THERMAL SHOCK: MIL–STD–202F, METHOD 107D Cond. A
- FUNGUS: MIL–STD–810F, METHOD 508.5

NOTE 1: Power Handling capability derated by 20% @ +125°C