Solid State Broadband High Power RF Amplifier

The 5194 is a 100 Watt broadband amplifier that covers the 2 – 6 GHz frequency range. This small and lightweight amplifier utilizes Class A/AB linear power devices that provide an excellent 3rd order intercept point, high gain, and a wide dynamic range.

Due to robust engineering and employment of the most advanced devices and components, this amplifier achieves high efficiency operation with proven reliability.

**CIRCUIT PROTECTIONS**
- Thermal Overload
- Over Current
- Over Voltage

**CIRCUIT CONTROL (w Controller Option)**
- Standby (amplifier disable)
- Gain/power setting with 25dB range
- VSWR protection Reset
- ALC On/Off

**CIRCUIT INDICATIONS (w Controller Option)**
- Forward Power
- Reflected power
- VSWR Fault
- Temp Fault
- Gain Setting (VVA) percentage

Specifications subject to change without notice

0509
Approved By: _______________________________ Date: ___________________