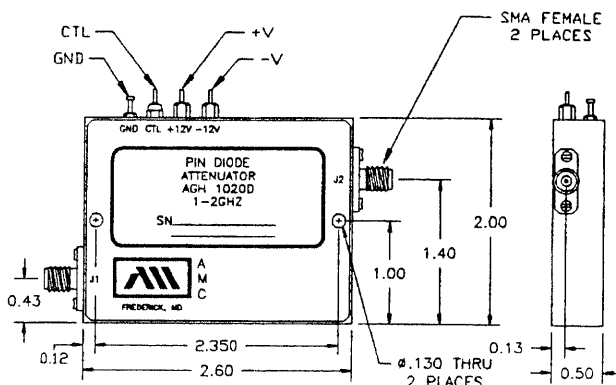


AMERICAN MICROWAVE CORPORATION

1.0 TO 2.0 GHz, HIGH SPEED, 60 dB, VOLTAGE VARIABLE, PIN DIODE ATTENUATOR

- 60dB DYNAMIC RANGE
- 500nS SWITCHING SPEED
- 10dB/VOLT CONTROL
- LOW INSERTION LOSS



AMC MODEL No: AGHN-1020-60D-SF-TH

SPECIFICATIONS:

- | | |
|---------------------------|---|
| ● FREQUENCY RANGE | : 1.0 TO 2.0 GHz |
| ● INSERTION LOSS | : 2.0 dB MAX. |
| ● ATTENUATION RANGE | : 60 dB MAX. |
| ● ATTENUATION ACCURACY | : 0 - 30 dB ±0.5 dB MAX.
30 - 50 dB ±1.0 dB MAX.
50 - 60 dB ±1.5 dB MAX. |
| ● FREQUENCY FLATNESS | : 0 - 10 dB ±0.3 dB MAX.
10 - 20 dB ±0.8 dB MAX.
20 - 40 dB ±1.5 dB MAX.
40 - 60 dB ±1.6 dB MAX. |
| ● VSWR | : 1.5:1 MAX. |
| ● SWITCHING SPEED | : 500nS MAX. (BETWEEN ATTENUATION SETTINGS) |
| ● RF POWER RATINGS | : +20dBm Operating, +30dBm Survival |
| ● TEMPERATURE COEFFICIENT | : ±0.025/°C MAX. |
| ● CONTROL | : VOLTAGE CONTROLLED (10dB/Volt Transfer Function) |
| ● DC POWER SUPPLY | : ±12 vdc @ +120mA & -40mA (Other Voltages Available) |
| ● CONNECTORS | : RF : SMA Female
Power and Controls : Solder Pin |
| ● SIZE | : 2.60" x 2.00" x 0.50" |
| ● WEIGHT | : <3.5 oz. |

HIGH SPEED DIGITAL AND ANALOG ATTENUATORS AVAILABLE IN OTHER FREQUENCIES AND MECHANICAL OUTLINES, CONTACT FACTORY FOR DETAILS.