

DETECTOR SMA

UP TO 4 GHz ZERO BIAS SCHOTTKY DIODE



MODELS: 4802S & 4804S

SPECIFICATIONS:

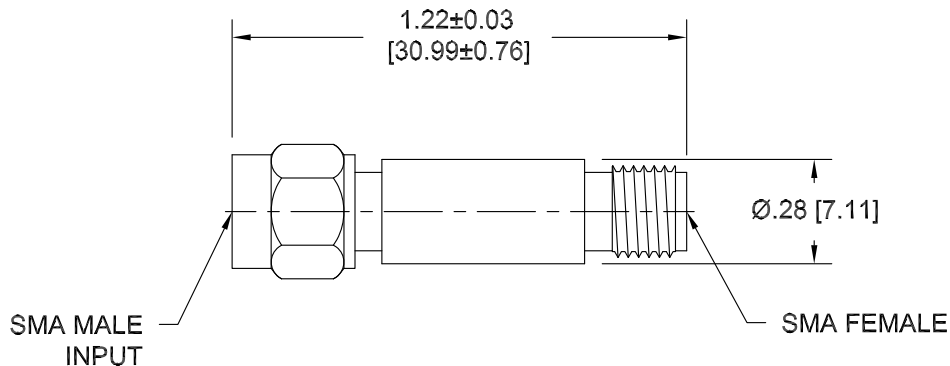
Electrical:

Frequency Range _____ 0.01 – 4 GHz
Standard Freq. Values _____ 2 & 4 GHz
VSWR (@ -20dBm)
4802S _____ 1.20:1 Typ., 1.35:1 Max.
4804S _____ 1.30:1 Typ., 1.40:1 Max.
Voltage Sensitivity (@ -20dBm) _____ 500mV/mW Typ.
Flatness (@ -20dBm)
4802S _____ ± 0.2 dB Max.
4804S _____ ± 0.2 dB Typ., ± 0.3 dB Max.
Input Power _____ 200mW CW Max.
Video Capacitance _____ 20 – 30 pF Nom.
Impedance _____ 50 Ohms
Operating Temp Range _____ -55°C to +125°C

Mechanical:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper

NOTE: Negative Output is Standard



HOW TO ORDER:

Model Number: **48XXS**

Freq. Range
02 = 0.01 – 2 GHz
04 = 0.01 – 4 GHz

Ordering Examples:

Model Number: **4802S**
0.01 – 2 GHz; SMA – Male/Fem

Model Number: **4804S**
0.01 – 4 GHz; SMA – Male/Fem

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.