



## DG5001 0.5 – 1.0 GHz Zero Bias Detector

### FEATURES

- ❖ Excellent Sensitivity
- ❖ Excellent Flatness vs. Frequency
- ❖ Mounting Hole Option
- ❖ Wide Frequency Range

### SPECIFICATIONS

| 0.5 – 1.0 GHz Zero Bias Detector |                  |
|----------------------------------|------------------|
| Model Number                     | DG5001           |
| Frequency Range                  | 0.5 – 1.0 GHz    |
| Sensitivity                      | 1800 mV/mW       |
| Flatness vs. Frequency           | $\pm 0.3$ dB     |
| TSS                              | -50 dBm          |
| Maximum Input Power              | +20 dBm          |
| Connector Type                   | SMA Female       |
| Impedance                        | 50 $\Omega$ Nom. |

Note 1. All the detectors are negative polarities. Positive polarities is available on request

Note 2. The sensitivity is measured into an open circuit load (>10k Ohm)

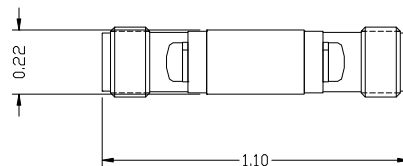
Note 3. Other frequency range available on request

Note 4. Operating Temperature: -55 °C To +125 °C

Storage Temperature: -65 °C To +125 °C



Outline 1



Outline 2