



**DG3840 38.0 – 40.0 GHz Zero Bias Detector**

**FEATURES**

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

**SPECIFICATIONS**

| <b>38.0 – 40.0 GHz Zero Bias Detector</b> |                  |
|---|------------------|
| Model Number                              | DG3840           |
| Frequency Range                           | 38.0 – 40.0 GHz  |
| Sensitivity                               | 750 mV/mW        |
| Flatness vs. Frequency                    | $\pm 0.4$ dB     |
| TSS                                       | -40 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)

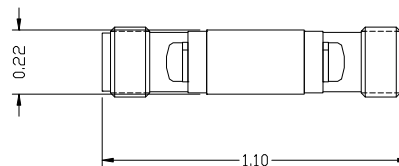
Note 3. Other frequency range available on request

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

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



Outline 1



Outline 2