

ZBS-0.1G40G-KB is a rugged zero bias schottky detector, designed to operate over the 0.1-40GHz frequency range, with compact size, and also performs with low insertion loss and low VSWR. The model could be used for many applications, radar system, 5G telecom, poswer masurement, millimeter system, etc.


Specifications:

Freq. Range: 0.1-40 GHz
 Freq. Response: 0.5dB -20GHz
 0.8dB -26.5GHz
 1.5dB -40G
 VSWR: 1.35 -20GHz
 1.5 -26.5GHz
 2 -40GHz
 Max Input Power: 100mW
 Low Level Sensitivity: 0.5mV/uW
 Power sensitivity: -30 dBm
 Output polarity: Negtive. Positive output available, plus P to the end.
 Input Connector: 2.92 male
 Output Connector: BNC female
 Dimension: 1.85 inch x 0.4 inch dia



Environmental Ratings:

Temperature: -55°C to +85 °C Operating
 -65 °C to +100 °C Non-Operating
 Vibration: MIL-STD-202F, Method 204D Cond. B
 Altitude: MIL-STD-202F, Method 105C Cond. B
 Temperature Cycle: MIL-STD-202F, Method 107D Cond. A

| Zero Bias Schottky Detector ZBS-0.1G40G-KB | | | |
|---|-------------------|----------------------|---|
| DRAWN: | DWG NO.: | REV CODE: Rev.1.0 |  www.connphy.com sales@connphy.com |
| CHECKRD: | DATE: 21/04/15 | SHEET : 1 OF 1 | |
| ISSUED: | SIZE: | SCALE : N / A | Notes: SPEC ARE SUBJECT TO CHANGE WITHOUT NOTICE. |