

PART NUMBER

KDT177309

REV.

DATE

COMMENTS

INITIAL

Electrical Data

Frequency Range 0.01 - 18 GHz.
 Flatness vs Frequency 0.5/octave +/- dB
 Typical TSS -45 dBm
 Internal Attenuation 7 dB
 Sensitivity 500 mV/mW

*Sensitivity is measured into an open circuit load
 (>10k ohm)

The Temperature performance of the zero Bias Schottky
 is poor when operating at low input power levels

Max Input Power +23 dBm
 VSWR 2.5 Max

Mechanical Data

Operating Temperature: -55 °C - 125 °C
 Storage Temperature -65 °C - 150 °C

Screening

Internal Visual per MIL-STD-883, Method 2017
 Temperature Cycle: -65 °C - 100 °C

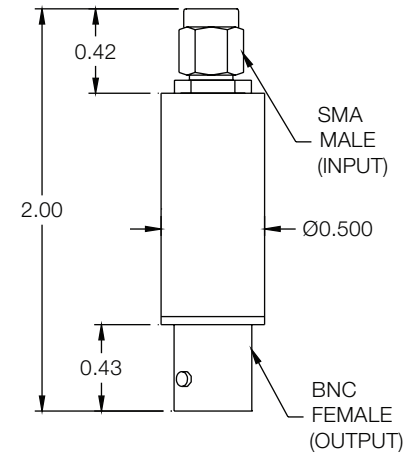
Standards

MIL-E-5400, MIL-STD-202, MIL-E-16400

Humidity MIL-STD-202F, M103, Cond B
 Shock MIL-STD-202F, M213, Cond B
 Altitude MIL-STD-202F, M105, Cond B
 Vibration MIL-STD-202F, M204, Cond B
 Thermal Shock MIL-STD-202F, M107, Cond A

Drawing not to scale. Dimensions for reference only

Units: inches

RoHS Compliant**Konnect RF**

WWW.KONNECTRF.COM
 1-800-790-5887

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DESCRIPTION

**Detector, Padded Zero Bias Schottky, Positive Polarity,
 SMA Male Plug Input to BNC Female Jack Output**

CAGE CODE

664U0

SIGNATURE

X

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