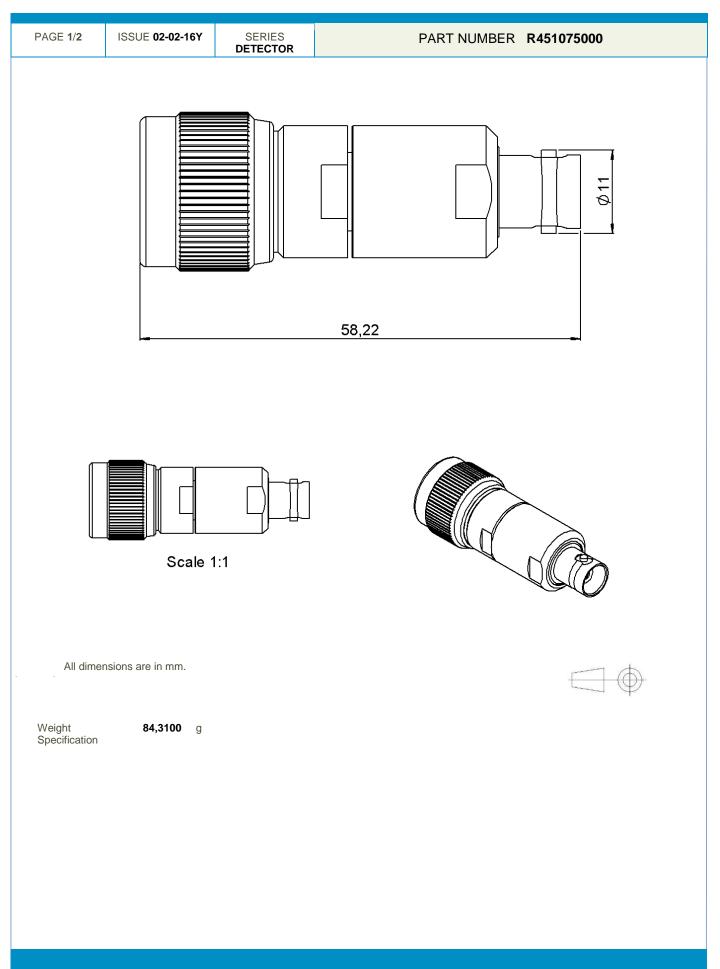
**Technical Data Sheet** 



CRYSTAL COAXIAL DETECTOR 0.01 - 10 GHZ



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#### **Technical Data Sheet**

CRYSTAL COAXIAL DETECTOR 0.01 - 10 GHZ



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SERIES DETECTOR

#### PART NUMBER R451075000

## **ELECTRICAL CHARACTERISTICS**

| FREQUENCY RANGE (GHz)                      | 0.01 - 10            |
|--|----------------------|
| IMPEDANCE                                  | 50 Ohms              |
| D.C RETURN                                 | No                   |
| SENSITIVITY LEVEL (Input Power <= -20 dBm) | >= 40 mV / mW        |
| OUTPUT POLARITY                            | Negative             |
| DIODE                                      | Schottky "Zero Bias" |

## MECHANICAL CHARACTERISTICS

| RF INPUT CONNECTOR     | N Male Per MIL C 39012     |
|------------------------|----------------------------|
| VIDEO OUTPUT CONNECTOR | BNC Female Per MIL C 39012 |

# **ENVIRONMENTAL CHARACTERISTICS**

| OPERATING TEMPERATURE RANGE (°C) | - 55 / +125 |
|----------------------------------|-------------|
| STORAGE TEMPERATURE RANGE (°C)   | - 55 / +125 |