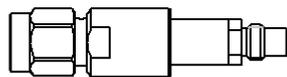
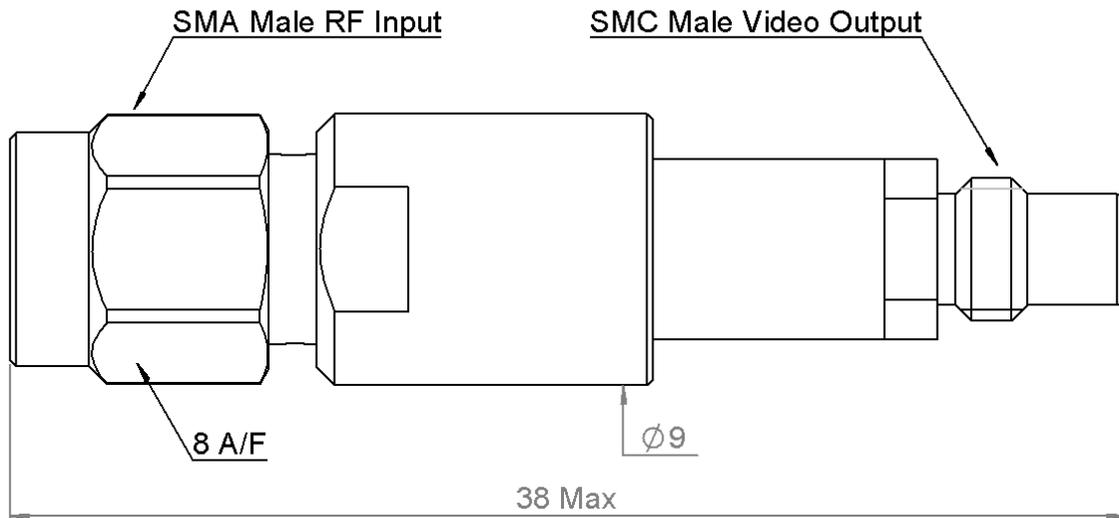
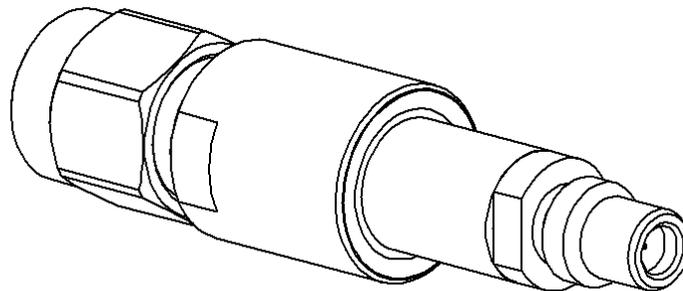


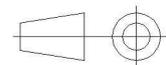
| | | | |
|----------|---------------------------|---------------------------|-------------------------------|
| PAGE 1/2 | ISSUE 19-12-23C | SERIES DETECTOR | PART NUMBER R451534000 |
|----------|---------------------------|---------------------------|-------------------------------|



SCALE 1:1



All dimensions are in mm. Tolerances according ISO 2768 c-K



Weight (±15%) **8,8400 g**
Specification

ELECTRICAL CHARACTERISTICS

| | |
|--|---|
| FREQUENCY RANGE (GHz) | 0.01 – 18 |
| IMPEDANCE | 50 Ohms |
| SENSITIVITY LEVEL (Input Power <= -20 dBm) | > 500 mV / mW |
| FREQUENCY RESPONSE | |
| <p style="text-align: center;">0.01 – 2 GHz 2 – 18 GHz</p> | <p style="text-align: center;">± 0.5 dB / octave ± 1 dB</p> |
| VSWR | |
| <p style="text-align: center;">0.01 – 8 GHz 8 – 18 GHz</p> | <p style="text-align: center;"><= 1.35 <= 1.50</p> |
| AVERAGE POWER | 200 mW at 25°C |
| PEAK POWER | 2W (10 nS , 1mS) |
| OUTPUT POLARITY | Negative |
| FILTERING CAPACITY (Typical) | 20 pF |
| DIODE | Schottky "Zero Bias" |

MECHANICAL CHARACTERISTICS

| | |
|------------------------|--------------------------|
| RF INPUT CONNECTOR | SMA Male Per MIL C 39012 |
| VIDEO OUTPUT CONNECTOR | SMC Male Per MIL C 39012 |

ENVIRONMENTAL CHARACTERISTICS

| | |
|----------------------------------|------------|
| OPERATING TEMPERATURE RANGE (°C) | - 25 / +70 |
| STORAGE TEMPERATURE RANGE (°C) | - 40 / +85 |