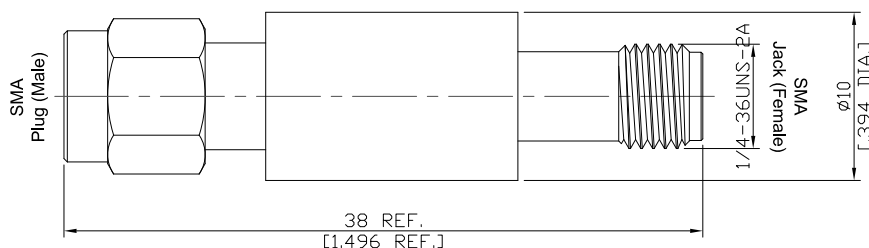


Zero Bias Detector, SMA, Negative Video Out, 10 MHz to 18 GHz

DET-A1A2ZN5A-18G



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Parameter	Minimum	Typical	Maximum
Impedance		50 Ω	
Frequency	10 MHz		18 GHz
VSWR (Return Loss)			2.0 (9.54 dB)
Voltage Sensitivity	0.4 mV/ μ W		
Flatness		± 1.0 dB	
Input Power		10 dBm (10 mW)	23 dBm (200 mW)
Dynamic Range	40 dB		10 W

Input Connectors

SMA Plug (Male)

Output Connectors

SMA Jack (Female)

Mechanical Data

Coupling Mechanisms

Screw-On

Mating Cycles

≥ 500

Coupling Test Torque

max. 1.7 Nm

Recommended Torque

0.57 Nm

Environmental Data

Operating Temp

-20°C to +70°C

RoHS

Compliant

Packing

Single or 100