



# 3000 MHz Suspended Stripline Low Pass Filter

**Part Number: AE3000SSL1037**



## Electrical Specifications

**Cut Off Frequency:** 3.0GHz  
**Pass Band Frequency:** DC~3.0GHz  
**Pass Band Insertion Loss:**  
≤1.0dB @ DC~2.9GHz  
≤1.5dB @ 2.9~3.0GHz  
**Pass Band VSWR:** ≤1.3:1  
**Stop Band Attenuation:** ≥60dB @ 3.52~10GHz  
**Impedance:** 50 Ohms  
**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes  
**Connector Type:** SMA-Female  
**Dimensions:** 44 x 24 x 10 mm

## Environmental

**Operating Temperature:** -45° to +85° C  
**Storage Temperature:** -55° to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:

