



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 3750 MHz Suspended Stripline Low Pass Filter

**Part Number: AE3750SSL1040**



## Electrical Specifications

**Cut Off Frequency:** 3.75GHz

**Pass Band Frequency:** DC~3.75GHz

**Pass Band Insertion Loss:**

≤1.0dB @ DC~3.55GHz

≤1.5dB @ 3.55~3.75GHz

**Pass Band VSWR:** ≤1.3:1

**Stop Band Attenuation:** ≥60dB @ 4.25~11.8GHz

**Impedance:** 50 Ohms

**Power Handling:** ≤15W

## Mechanical

**Mounting Method:** Through Holes

**Connector Type:** SMA-Female

**Dimensions:** 38 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:

