



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

## 3700 MHz Ceramic Bandpass Filter

**Part Number: AM3700B1478**



### Electrical specifications

**Center Frequency:** 3700 MHz  
**Bandwidth:** 100 MHz  
**VSWR:** 1.5 : 1  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 3650-3750 MHz  
**Passband Insertion Loss:** 3.5 dB max  
**Passband Ripple:** 1.0 dB max  
**Rejection:** 32 dB min at 3595 MHz  
**Rejection 2:** 35 dB min at 3805 MHz  
**Rejection 3:** 75 dB min at DC-3500 MHz  
**Rejection 4:** 60 dB min at 3840 MHz  
**Rejection 5:** 50 dB min at 5000-7000 MHz  
**Power Handling:** 1 watt

### Mechanical

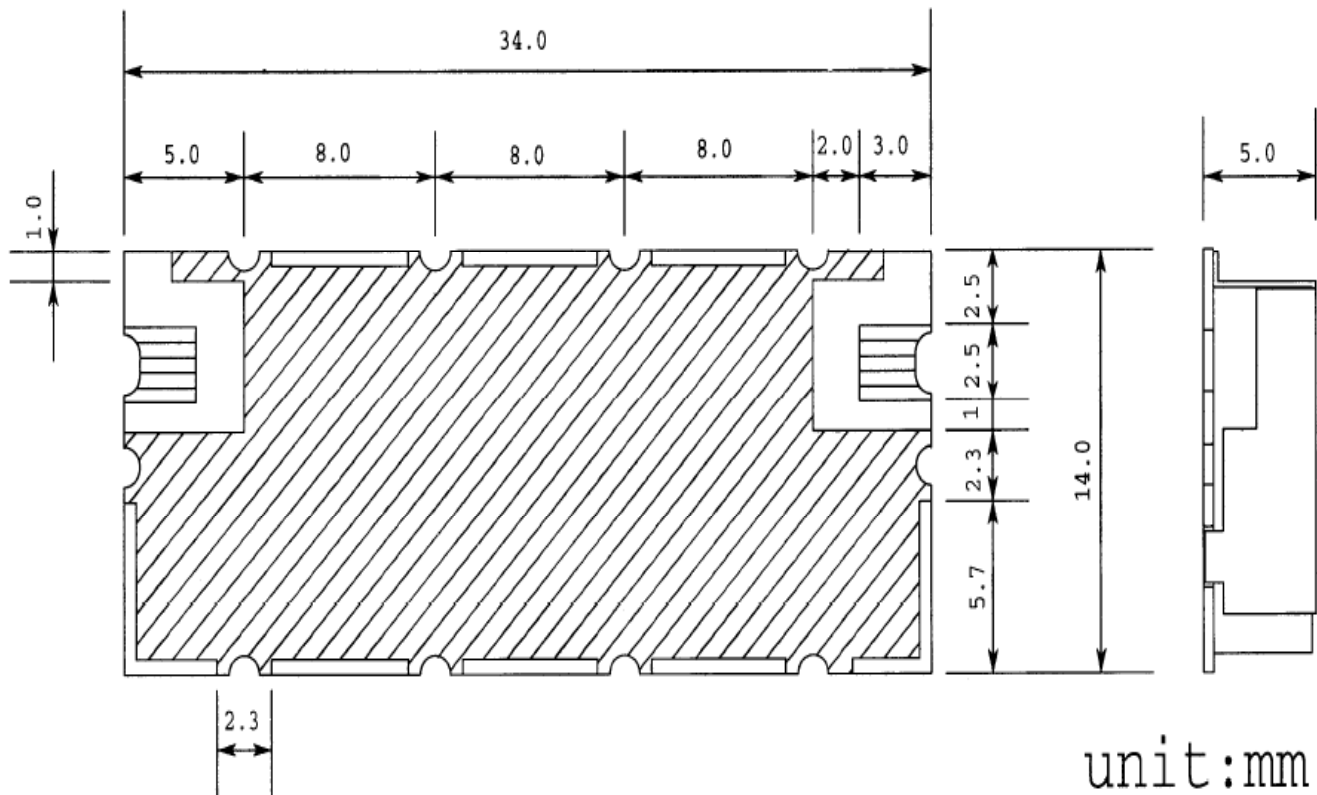
**Mounting Method:** SMT  
**Dimensions:** 34 x 14 x 5 mm

### Environmental

**Operating Temperature:** -40°C to +85°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

### Outline Drawing:





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## Response Plot:

