



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

## 3700 MHz Ceramic Bandpass Filter

**Part Number: AM3700B1396**



### Electrical specifications

**Center Frequency:** 3700 MHz  
**Bandwidth:** 50 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 3675-3725 MHz  
**Passband Insertion Loss:** 7.0 dB max  
**Passband Ripple:** 1.7 dB max  
**Passband Return Loss:** 13 dB min  
**Rejection:** 55 dB min @ 3620 MHz  
**Rejection 2:** 55 dB min @ 3770 MHz  
**Rejection 3:** 65 dB min @ 3000-3575 MHz  
**Rejection 4:** 65 dB min @ 3840 MHz  
**Rejection 5:** 70 dB min @ 4000-7000 MHz  
**Power Handling:** 1 W

### 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:

