



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

# 942 MHz Ceramic Bandpass Filter

**Part Number: AM942B1285**



## Electrical specifications

**Center Frequency:** 942.5 MHz  
**Bandwidth:** 35 MHz  
**VSWR:** 2.0 : 1 min  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 925-960 MHz  
**Passband Insertion Loss:** 3.2 dB max  
**Passband Ripple:** 1.5 dB max  
**Rejection:** 25 dB min at 750.2-785.2 MHz  
**Rejection 2:** 10 dB min at 880-915 MHz  
**Rejection 3:** 20 dB min at 1304.2-1339.2 MHz  
**Rejection 4:** 50 dB min at 1479-1514 MHz  
**Rejection 5:** 25 dB min at 735.4-770.4 MHz  
**Rejection 6 :** 60 dB min at 572.4-761 MHz  
**Rejection 7:** 50 dB min at 726.4-761 MHz  
**Rejection 8:** 60 dB min at 608 MHz  
**Rejection 9:** 60 dB min at 371-406 MHz  
**Rejection 10:** 60 dB min at 545.8-580.8 MHz  
**Rejection 11:** 45 dB min at 1099.8-1134.8 MHz  
**Power Handling:** 3 Watt max

## Mechanical

**Mounting Method:** SMT  
**Dimensions:** 14mm x 13mm x 4.5mm

## Environmental

**Operating Temperature:** -20°C to 70°C  
**Storage Temperature:** -50°C to +90°C

**This product is RoHs compliant.**

## Outline Drawing:

