



# 3500 MHz Ceramic Bandpass Filter

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

**Part Number: AM3500B1113**



## Electrical specifications

- Center Frequency:** 3500 MHz
- Bandwidth:** 200 MHz
- Input / Output Impedance:** 50 Ohms
- Passband:** 3400-3600 MHz
- Passband Insertion Loss:** 2 dB max
- Passband Ripple:** 3400-3600 MHz 0.5 dB
- Passband Return Loss:** 3400-3600 MHz -12.0 dB
- Rejection:** f 2664 MHz -65.0 dB
- Rejection 2:** 2923 – 3132 MHz -39.0 dB
- Rejection 3:** 3868 – 4068 MHz -20.0 dB
- Power Handling:** 10 Watt max

## Mechanical

- Mounting Method:** SMT
- Dimensions:** 25.90 x 6.70 x 4.80 mm

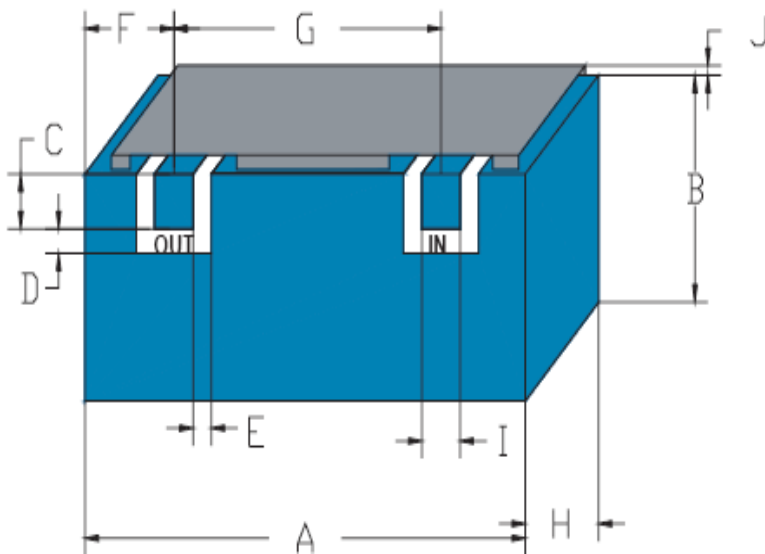
## Environmental

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

**This product is RoHs compliant.**



## Mechanical Drawing



Dim	Nominal (mm)	Tolerance (mm) +/- or max
A	25.90	max
B	4.80	max
C	1.00	0.13
D	0.80	0.13
E	0.80	0.13
F	4.20	0.13
G	16.9	0.13
H	6.70	max
I	1.00	0.13
J	1.60	max



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## PCB Layout

