ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

# 433MHz LC Bandpass Filter

# Part Number: AE433B11057

ISO 9001 REGISTERED FIRM

## Electrical specifications

**Passband:** 418-448MHz
**Passband Ins. Loss:** =/<1.5dB
**Return Loss Over Passband:** >17dB
**Rejection1:** =/>40dB@1-350MHz
**Rejection2:** =/>40dB@530-2000MHz
**Input/Output Impedance:** 75 Ohms

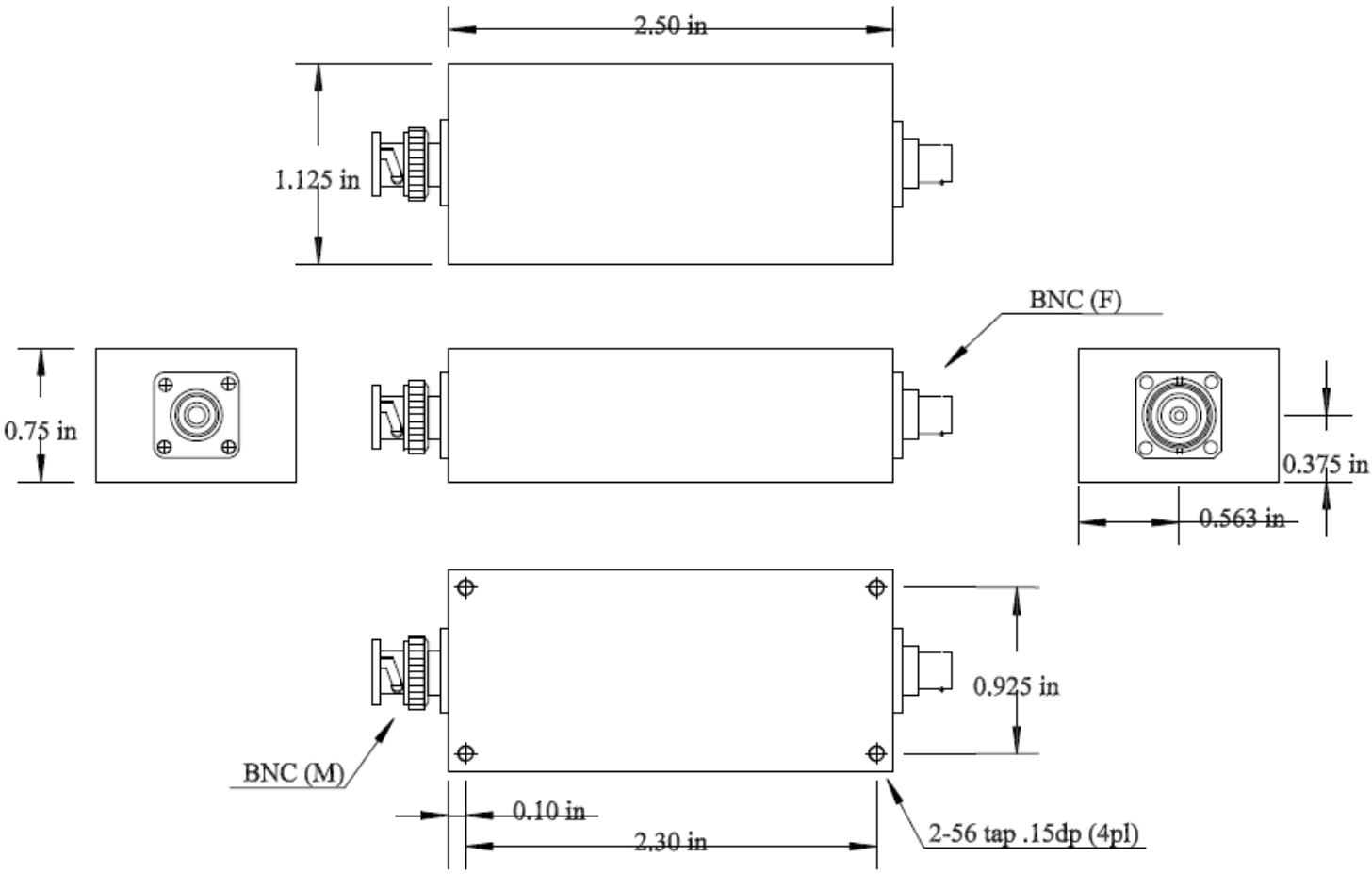
## Mechanical

**Mounting Method:** Threaded Mounting
**Connector Type:** BNC(F)/BNC(M)
**Dimensions:** 2.5” x 1.125” x 0.75” in

## Environmental

**Operating Temperature:** -45°C to +85°C
**Storage Temperature:** -55°C to +100°C

## Outline Drawing:




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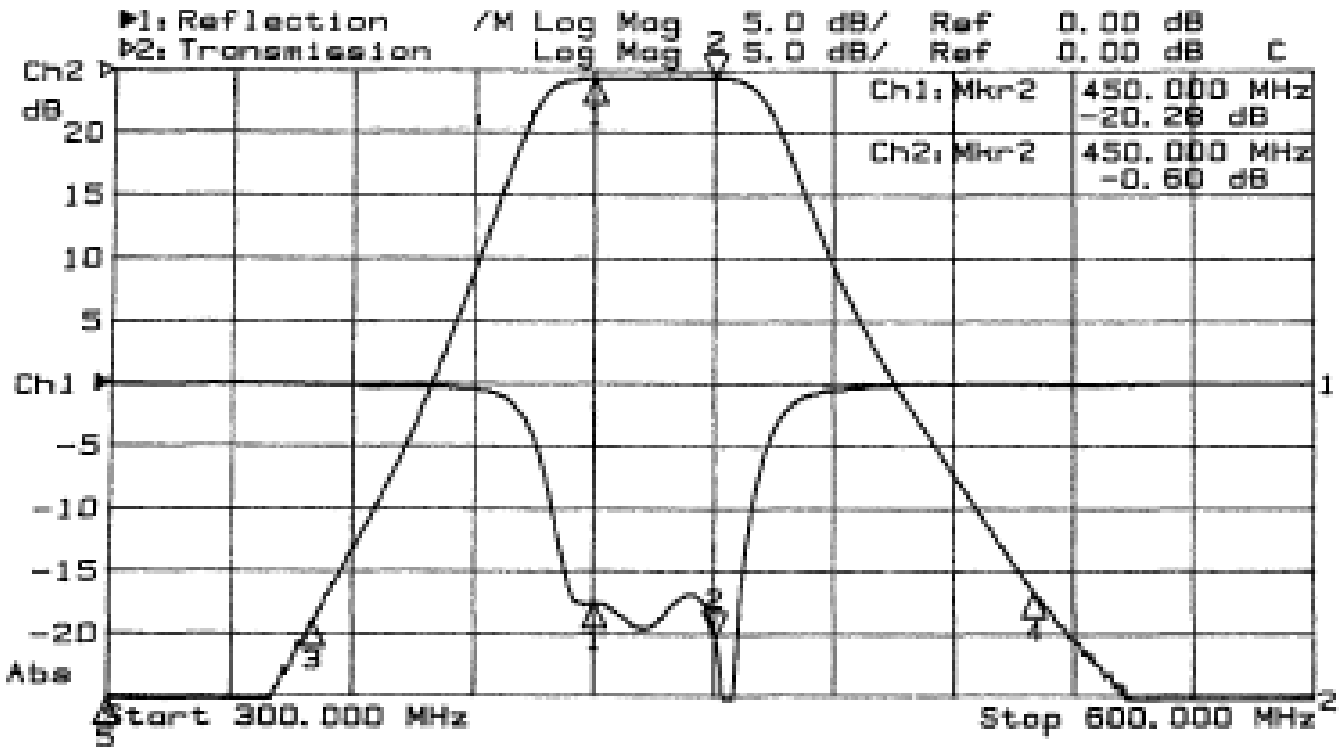
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## Response Plot:




| 1: Mkr | (MHz) | dB |
|---|---|---|
| 1: | 420.00 | -17.58 |
| 2> | 450.00 | -20.28 |

| 2: Mkr | (MHz) | dB |
|---|---|---|
| 1: | 420.00 | -0.64 |
| 2> | 450.00 | -0.60 |
| 3: | 350.00 | -44.03 |
| 4: | 530.00 | -41.77 |
| 5: | 300.00 | -75.17 |

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