



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

# 1300 MHz Cavity Bandpass Filter

**Part Number: AB1300B469**



## Electrical specifications

**Center Frequency:** 1.3 GHz  
**Insertion loss @Fc:** 2.0 dB max  
**Flatness <0.1 dB P-P Max:** 1290-1310 MHz  
**Input/Output VSWR:** 1.5:1 max from 1290-1310 MHz  
**Insertion loss variation over:** 1.0 dB max  
**Attenuation 1:** 65 dBc@DC-1268 MHz  
**Attenuation 2:** 40 dBc@1282 MHz  
**Attenuation 3:** 40 dBc@1317.22 MHz  
**Attenuation 4:** 65 dBc@1330 MHz-2230 MHz  
**Input Power:** +20 dBm

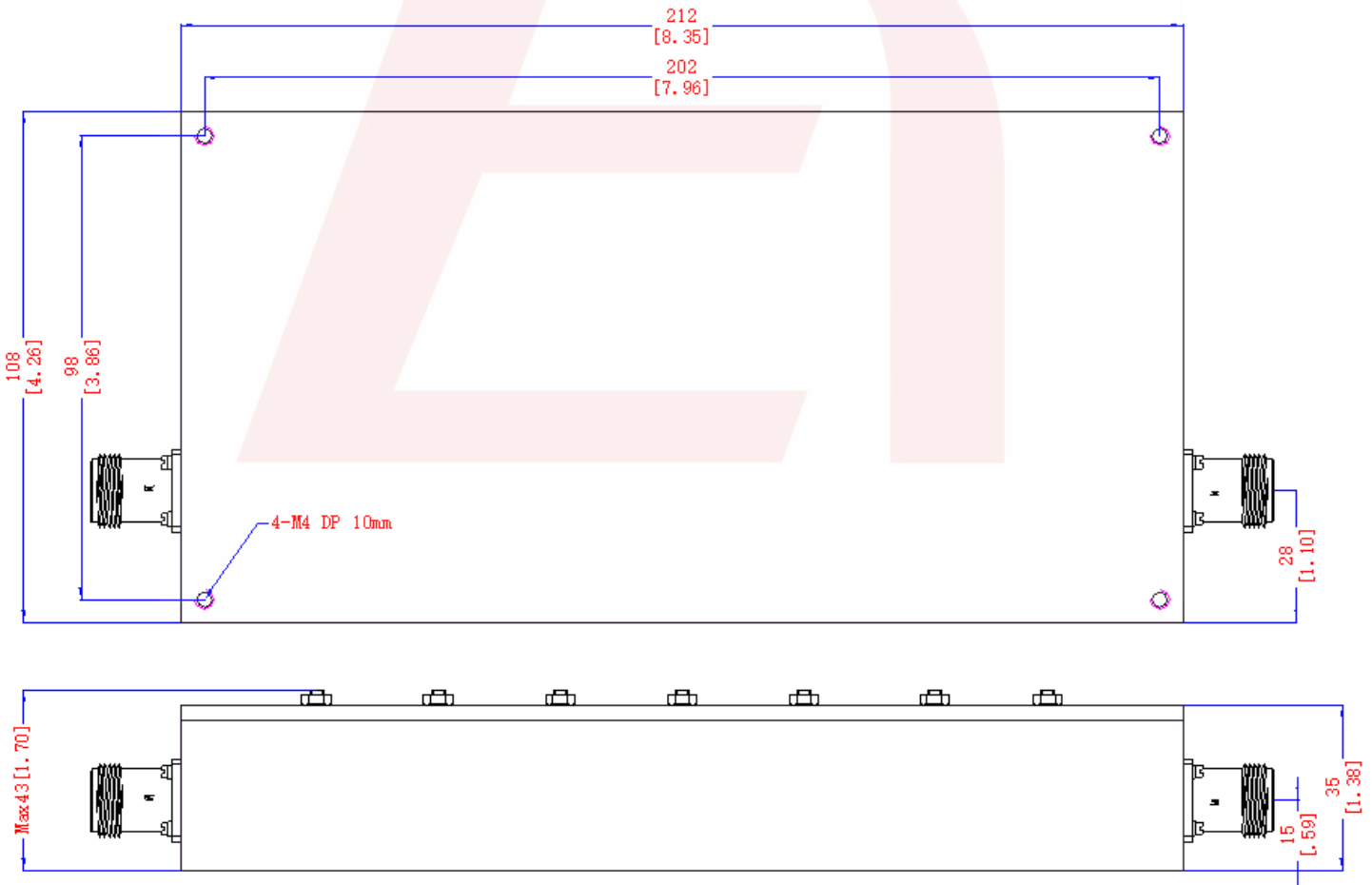
## Mechanical

**Mounting Method:** Threaded Mounting Holes  
**Connector Type:** N Female  
**Dimensions:** 8.35 x 4.26 x 1.38 in  
 212 x 108 x 35 mm

## Environmental

**Operating Temperature:** -45 to +85° C  
**Storage Temperature:** -55 to +95° C  
**Shock:** 20 G. 11ms  
**Vibration:** 20 G. 5 to 200 Hz

## Outline Drawing:



DS-B469-03152018-Rev1



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## Response Plot:

