



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

# 1145.795-1237.795 MHz Ceramic Band Pass Filter

**Part Number: AM1191B1703**



## Electrical Specifications

**Center Frequency:** 1191.795 MHz  
**Bandwidth:** Fo ± 46 MHz  
**Pass Band:** 1145.795-1237.795  
**Insertion Loss in Bandwidth:** 5.0 dB Max  
**Ripple in Bandwidth:** 3.0 dB Max  
**Ripple (1165.295-1218.295 MHz):** 1.0 dB Max  
**Return Loss:** 12 dB Min  
**Group Delay Variation in (1165.295-1218.295 MHz):** 3ns typ. (4ns max)  
**Attenuation:** >45 dB @ 1112 MHz  
                   >45 dB @ 1272 MHz  
                   >15 dB @ 1246 MHz  
**In/Out Impedance:** 50 Ω

## Mechanical

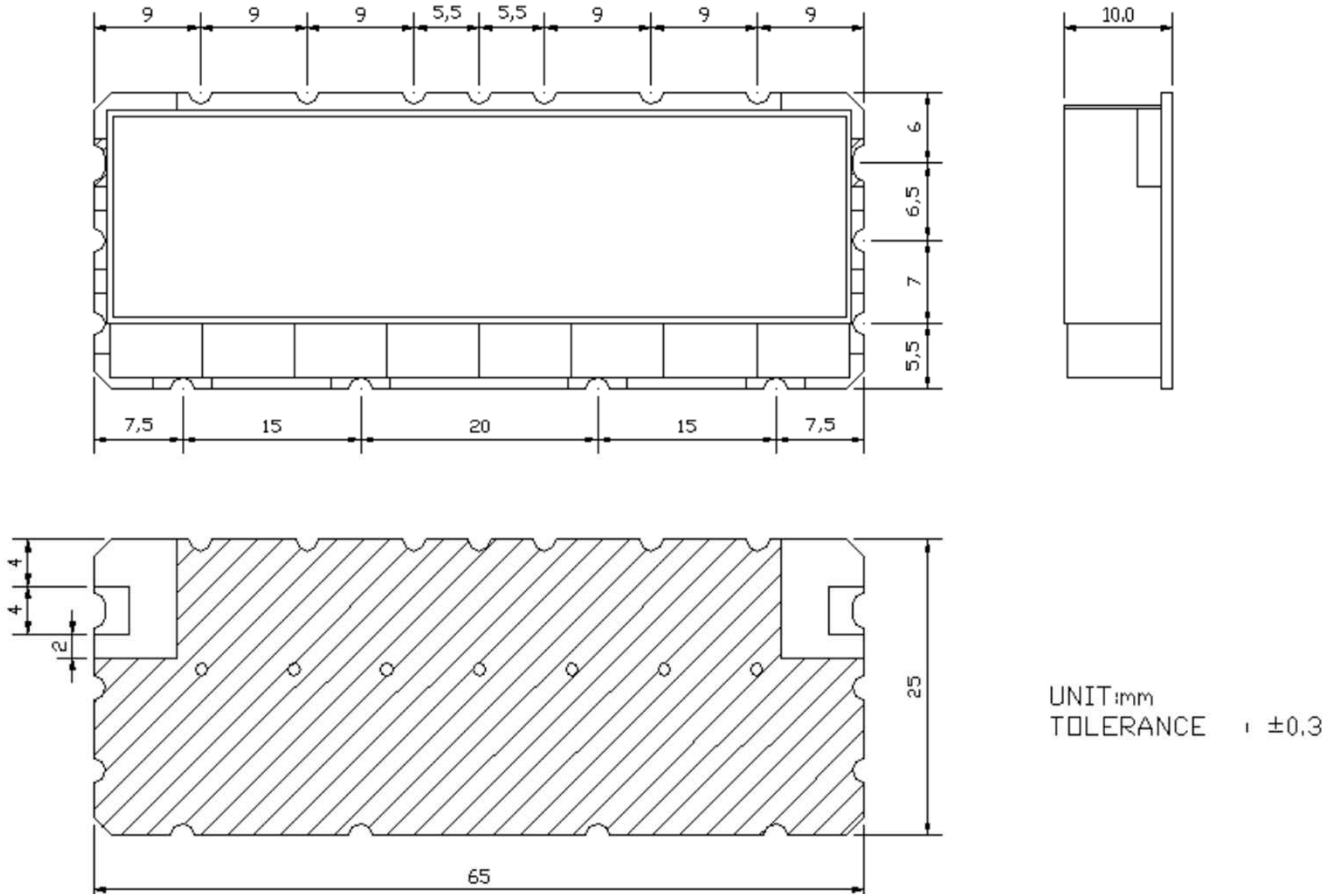
**Mounting Method:** SMT  
**Dimensions:** 10.20 x 4.5 x 4.10 mm

## Environmental

**Operating Temperature:** -20 to +70° C  
**Storage Temperature:** -40 to +85° C  
**Shock:** 20 G. 11 ms  
**Vibration:** 20 G. 5 to 200 MHz

**This product is RoHs compliant.**

## Outline Drawing:





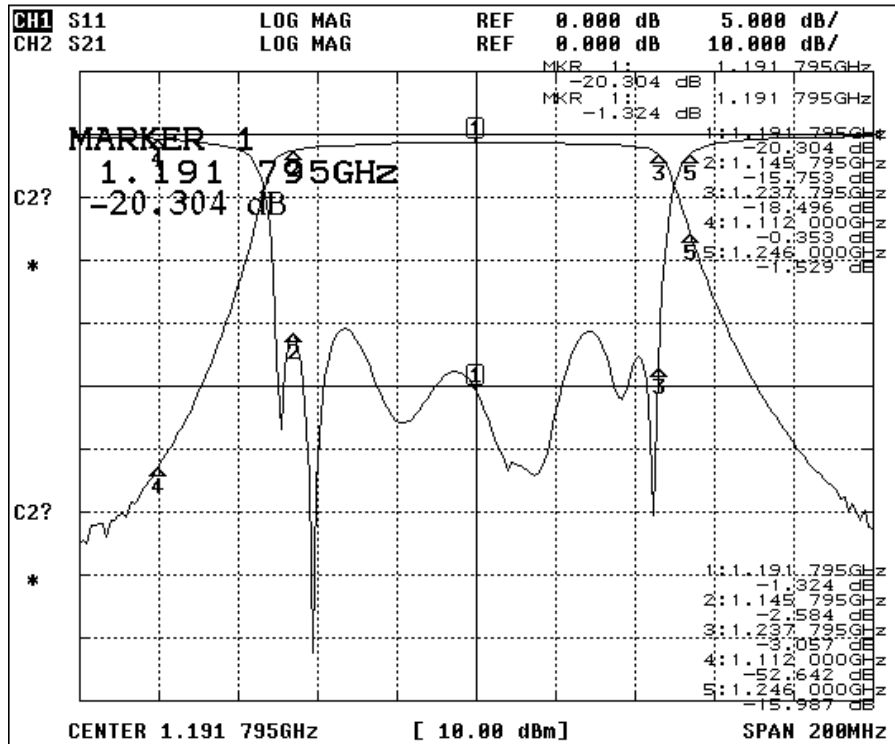
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## Response Plot:



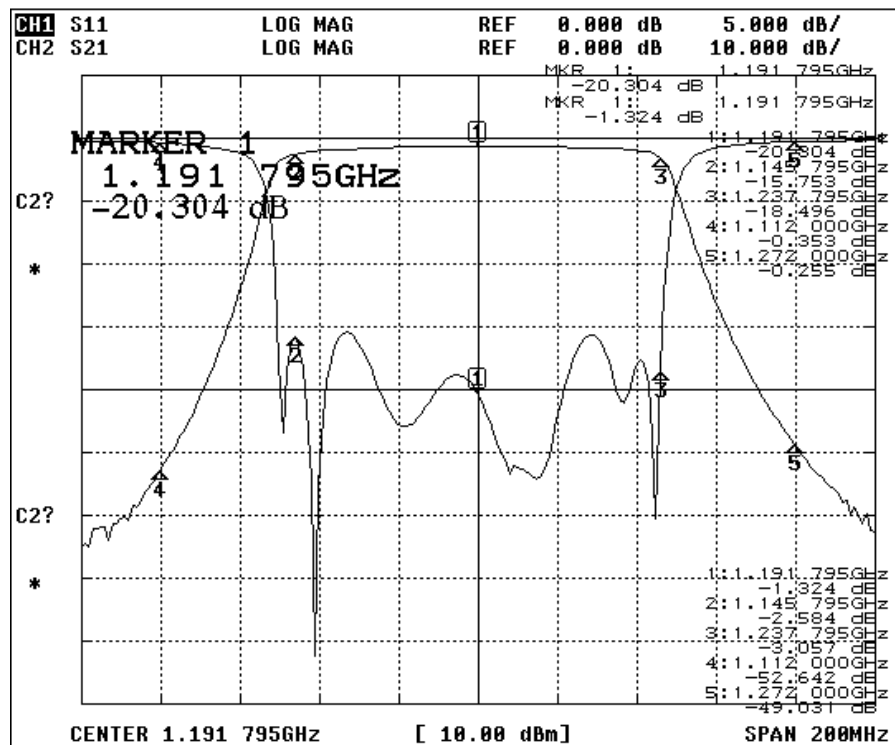
BITMAP FILE

SAVE TO DISK

COMPRESSION  ON  OFF

TRUNCATE  ON  OFF

Return



BITMAP FILE

SAVE TO DISK

COMPRESSION  ON  OFF

TRUNCATE  ON  OFF

Return



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## Response Plot:

