



**Electrical specifications**

**Center Frequency:** 908.5 MHz  
**Bandwidth:** 13 MHz  
**Input / Output Impedance:** 50 Ohms  
**Passband:** 902-915 MHz  
**Passband Insertion Loss:** 0.4 dB max  
**Passband Ripple:** 0.3 dB max  
**Passband Return Loss:** 15 dB min  
**Channel Rejection:**  
 850-860 MHz 32 dB min  
 870 MHz 30 dB min  
 875-885 MHz 30 dB min  
 890 MHz 40 dB min  
 891MHz > 45 dB  
 893 MHz > 40 dB  
 894 MHz > 45 dB  
 896 MHz > 16 dB  
 898 MHz 1.5 dB  
 900 MHz 0.6 dB  
**Power Handling:** 1 W

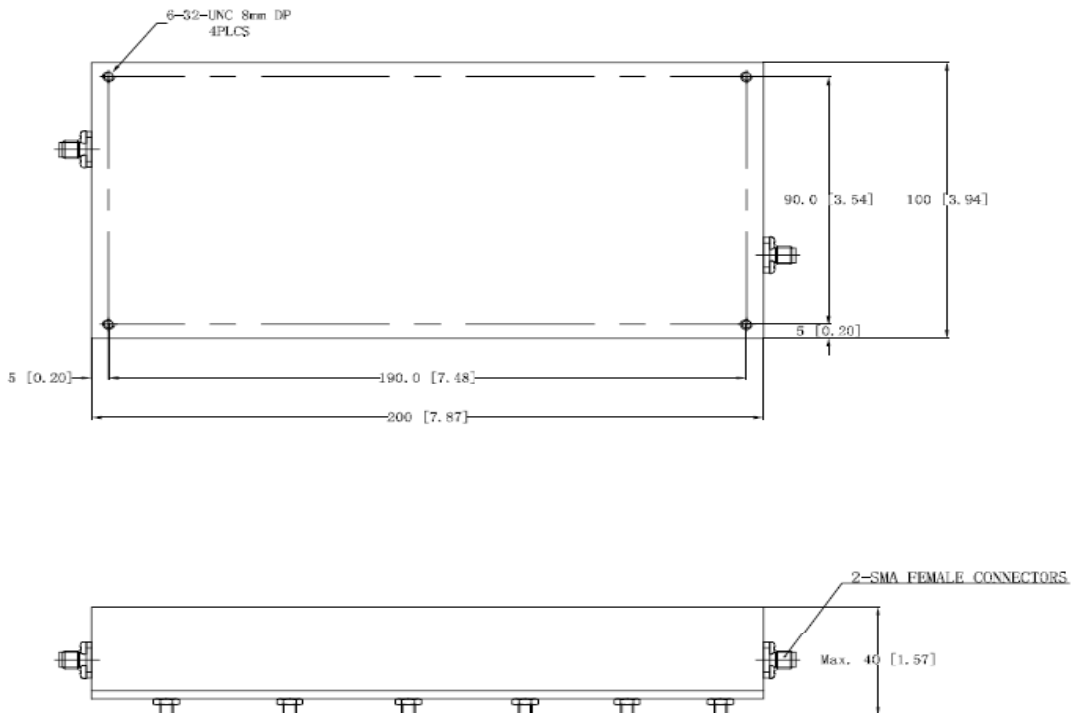
**Mechanical**

**Mounting Method:** Threaded Mounting Method  
**Connector Type:** SMA (F)  
**Dimensions:** 200 x 100 x 40 mm (max.)

**Environmental**

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

**Outline Drawing:**





### Response Plot:

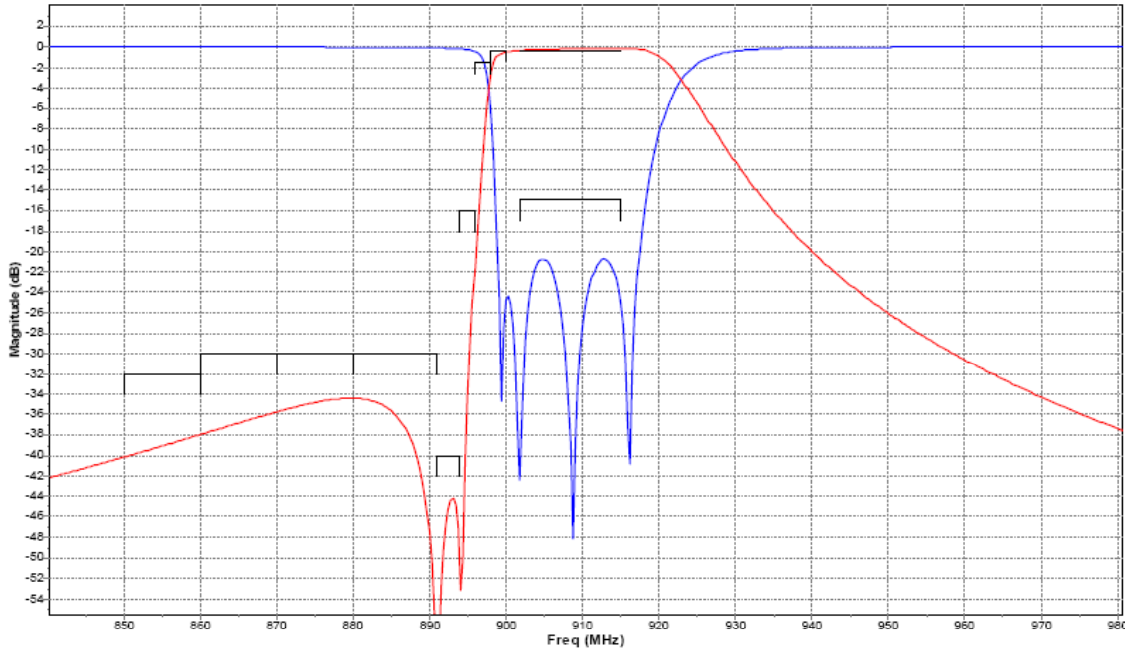


Fig.1 Return Loss and Rejection

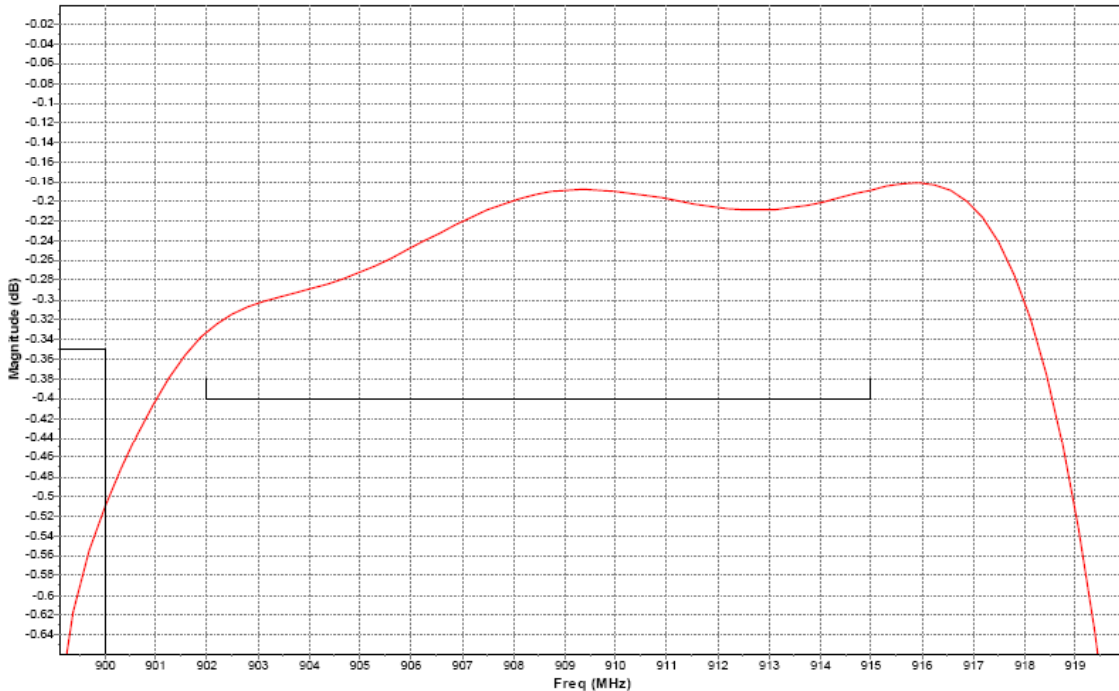


Fig.2 Insertion Loss and Matching