

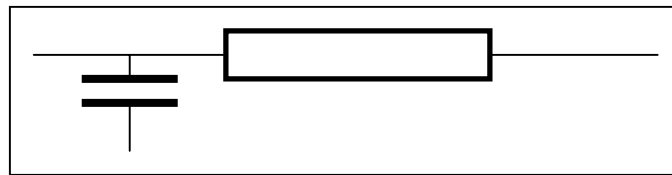


High-powered solutions for RF and microwave applications

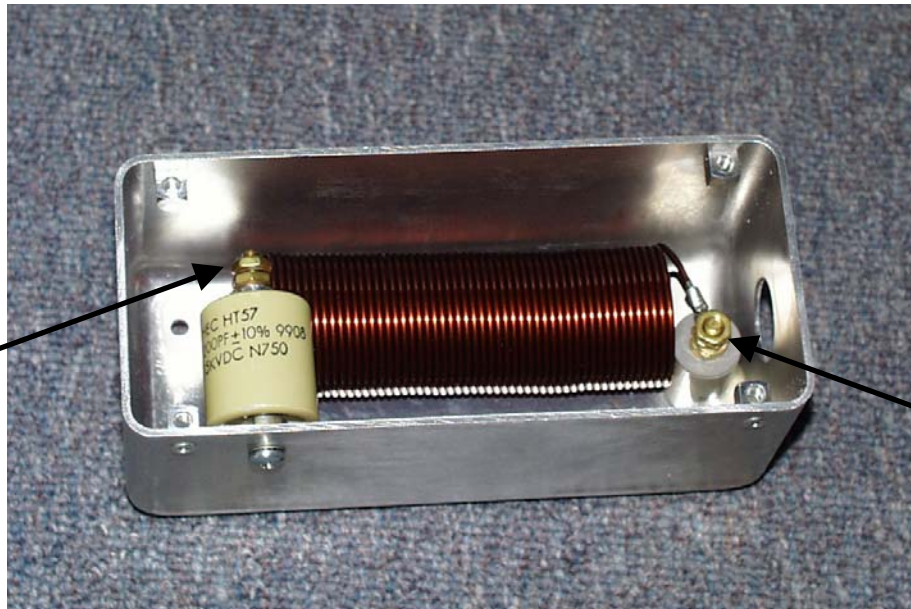
## RF Filter Module

### Vacuum System Heater RF Filter Module

This RF filter module is designed to provide isolation between a vacuum process chamber mounted heater element and an SCR power controller. The "L" filter configuration enables the heater element to operate in a 13.56 MHz plasma environment (coupled to the RF energy via the plasma discharge) by attenuating the high frequency RF signal and passing it to ground. The low frequency line power is passed through the filter with minimal loss. All RF and plasma generated noise is also reduced to a manageable level.



Connect this point  
to the SCR  
controller



Connect this  
point to the  
heater feed  
through

### Connection Points

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