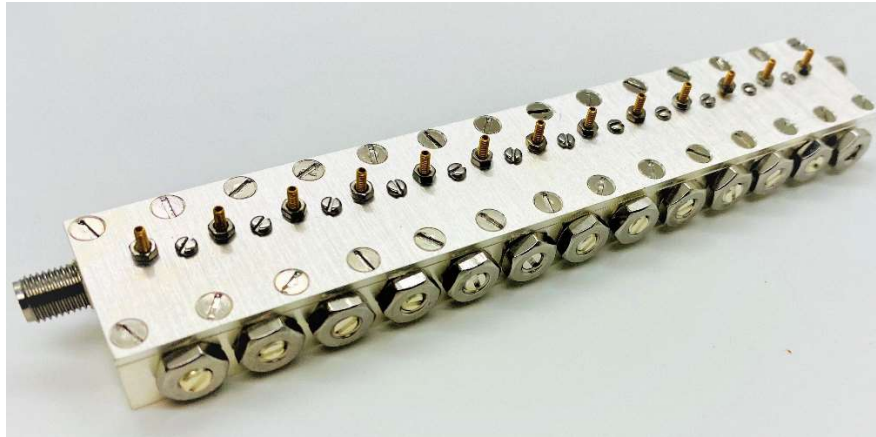




**RLC Electronics, Inc.**

### **13-section C-Band Notch Filter**



RLC Electronics is manufacturing 13-section C-Band Notch (Band Reject) Filters for a UAV application. The reject band is  $>100\text{dB}$  and we utilize the gold screws on top of the unit to tune the notch bandwidth into specification. Insertion Loss is typically less than  $1\text{dB}$  and Power handling on this model is  $50\text{W cW}$ .

In general, RLC can support Notch Filter requirements up to  $40\text{GHz}$ . These filters are characterized by having the reverse properties of band pass filters and are offered in multiple topologies, in both connectorized and surface mount packages.