



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

**15450 KHz LC Band Stop Filter**

**Part Number: AE15450KLN2280**



### **Electrical Specifications**

**Notch Center Frequency (Fo):** 15450 KHz  
**Notch Band:** 15100-15800 KHz  
**Rejection at Notch Band:** 20 dB Min. (nominal)  
**Pass band @ Low side:** DC- 14055 KHz  
**Pass band at high side:** 116980 -30000 KHz  
**3dB Points:** Approx. 14778 KHz & 16111 KHz  
**6 dB Points:** Approx. 14873 KHz & 16004 KHz  
**Insertion Loss @ Pass Bands:** 1dB Max.  
**Return Loss @ Passbands:** 14 dB min.  
**Power Handling:** 20 W

### **Mechanical**

**Mounting Method:** Mounting Screws  
**Connector Type:** SMA (F)  
**Approximate Dimensions”**  
6.00 x 4 x 2 Inches

### **Environmental**

**Operating Temperature:** -20°C to +85°C  
**Storage Temperature:** -50°C to +90°C  
**Shock:** 10 G. 11ms  
**Vibration:** 10 G. 5 to 200Hz

### **Outline Drawing:**

TBD See approximate size

2 decimal places: +/-0.01 inches [ +/- 0.3mm]  
3 decimal places: +/- 0.005 inches [ +/- 0.13mm]  
Angles: +/- 1 Deg.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.*

Reference DCR: D052219-01A

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**Garfield, NJ 07026    Fax    : (973) 321-3941**

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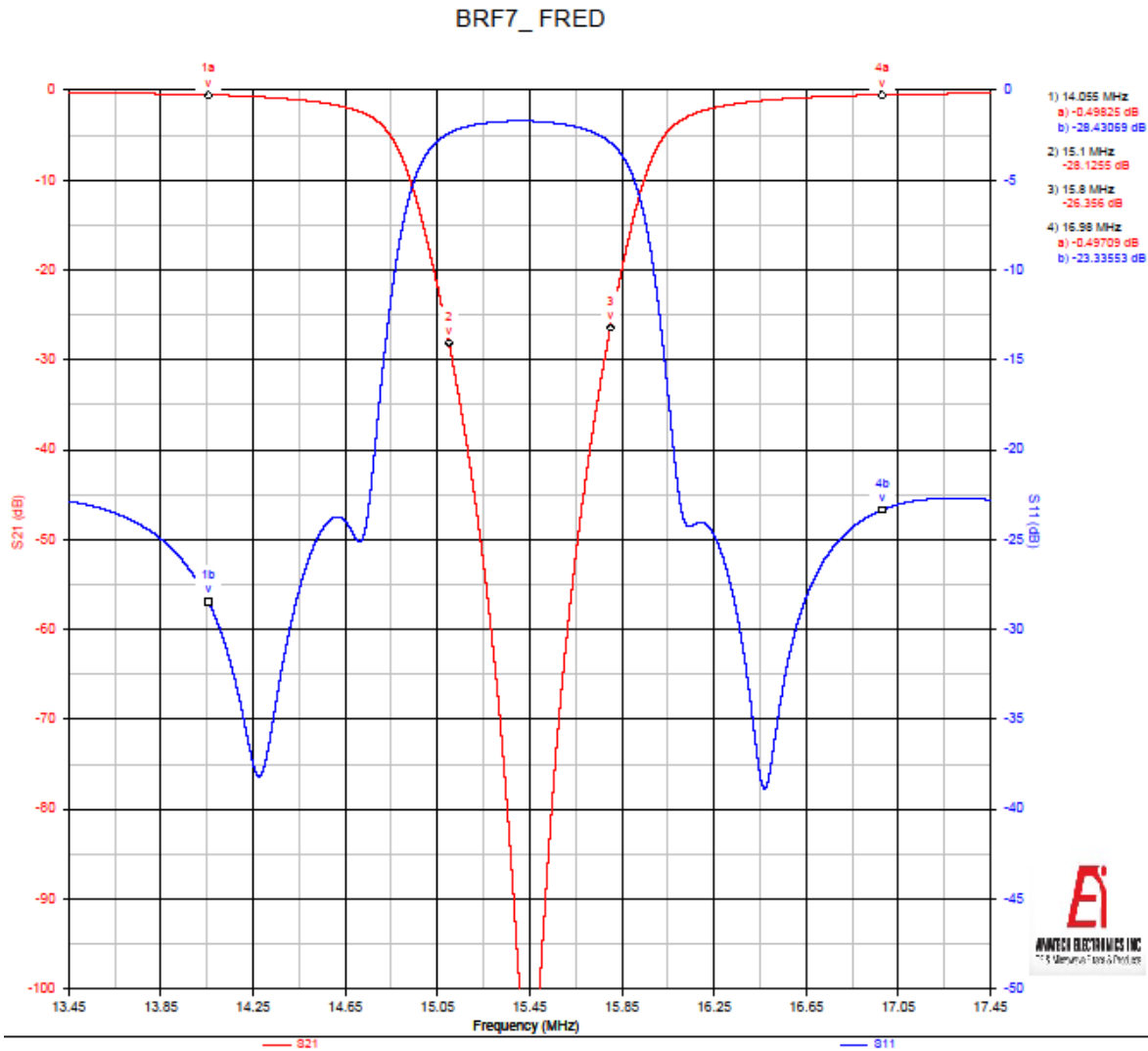
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## Simulated response plot



2 decimal places: +/- 0.01 inches [+/- 0.3mm]  
 3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
 Angles: +/- 1 Deg.

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