



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

17690 KHz LC Band Stop Filter

Part Number: AE17690KLN2281



Electrical Specifications

Notch Center Frequency (Fo): 17690 KHz
Notch Band: 17480-17900 KHz
Rejection at Notch Band: 20 dB Min. (nominal)
Pass band @ Low side: DC- 17523 KHz
Pass band at high side: 18927-30000 KHz
3dB Points: Approx. 17193 KHz & 18180 KHz
6 dB Points: Approx. 17293 KHz & 18070 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

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com



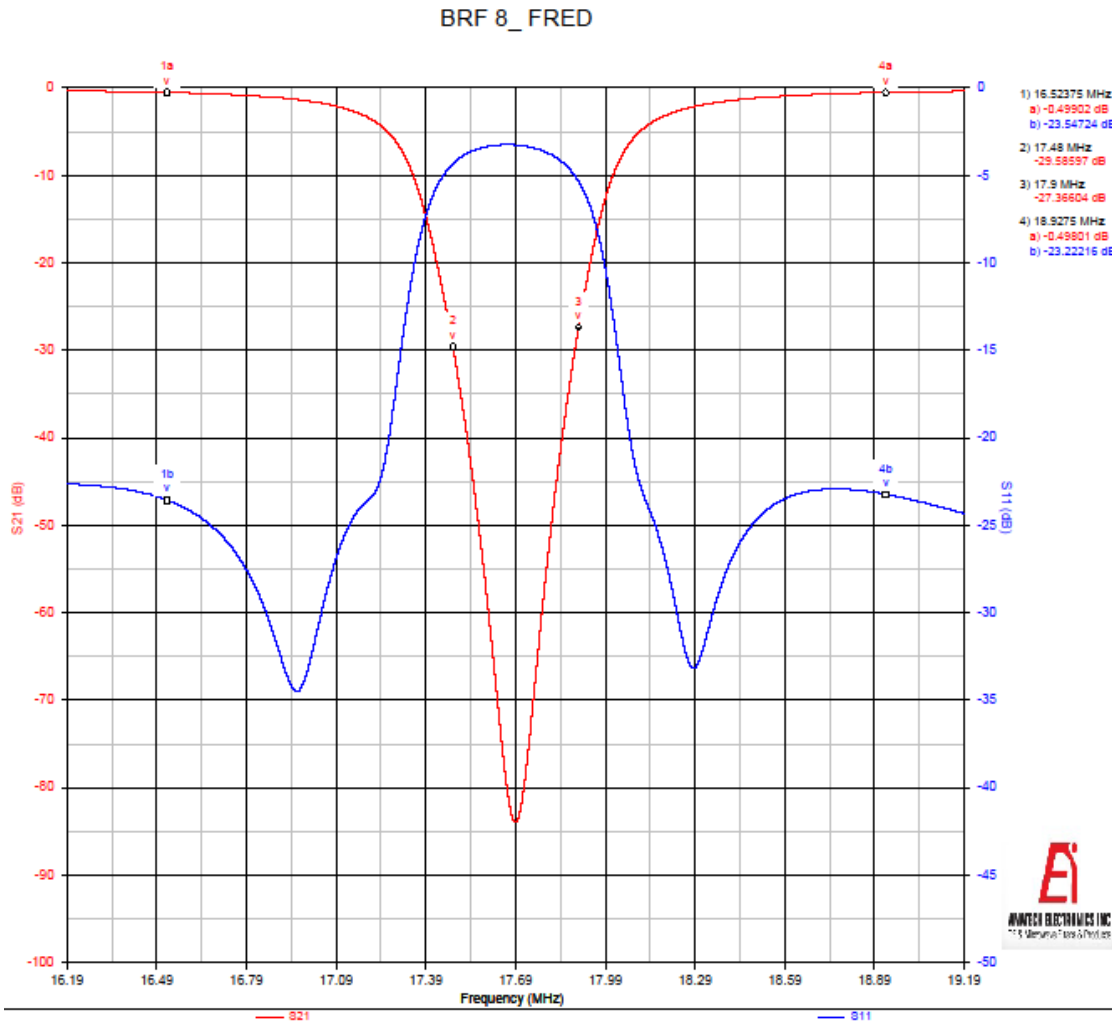
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

17690 KHz LC Band Stop Filter

Part Number: AE17690KLN2281



Simulated response plot



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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

Reference DCR: D052219-01A

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

70 Outwater Lane Phone: (973) 772-4242
Garfield, NJ 07026 Fax : (973) 321-3941

Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com