



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

9650 KHz LC Band Stop Filter

Part Number: AE9650KLN2277



Electrical Specifications

Notch Center Frequency (Fo): 9650 KHz
Notch Band: 9400-9900 KHz
Rejection at Notch Band: 20 dB Min. (nominal)
Pass band @ Low side: DC-8723 KHz
Pass band at high side: 10670 -30000 KHz
3dB Points: Approx. 9190 KHz & 10113 KHz
6 dB Points: Approx. 9251 KHz & 10045 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



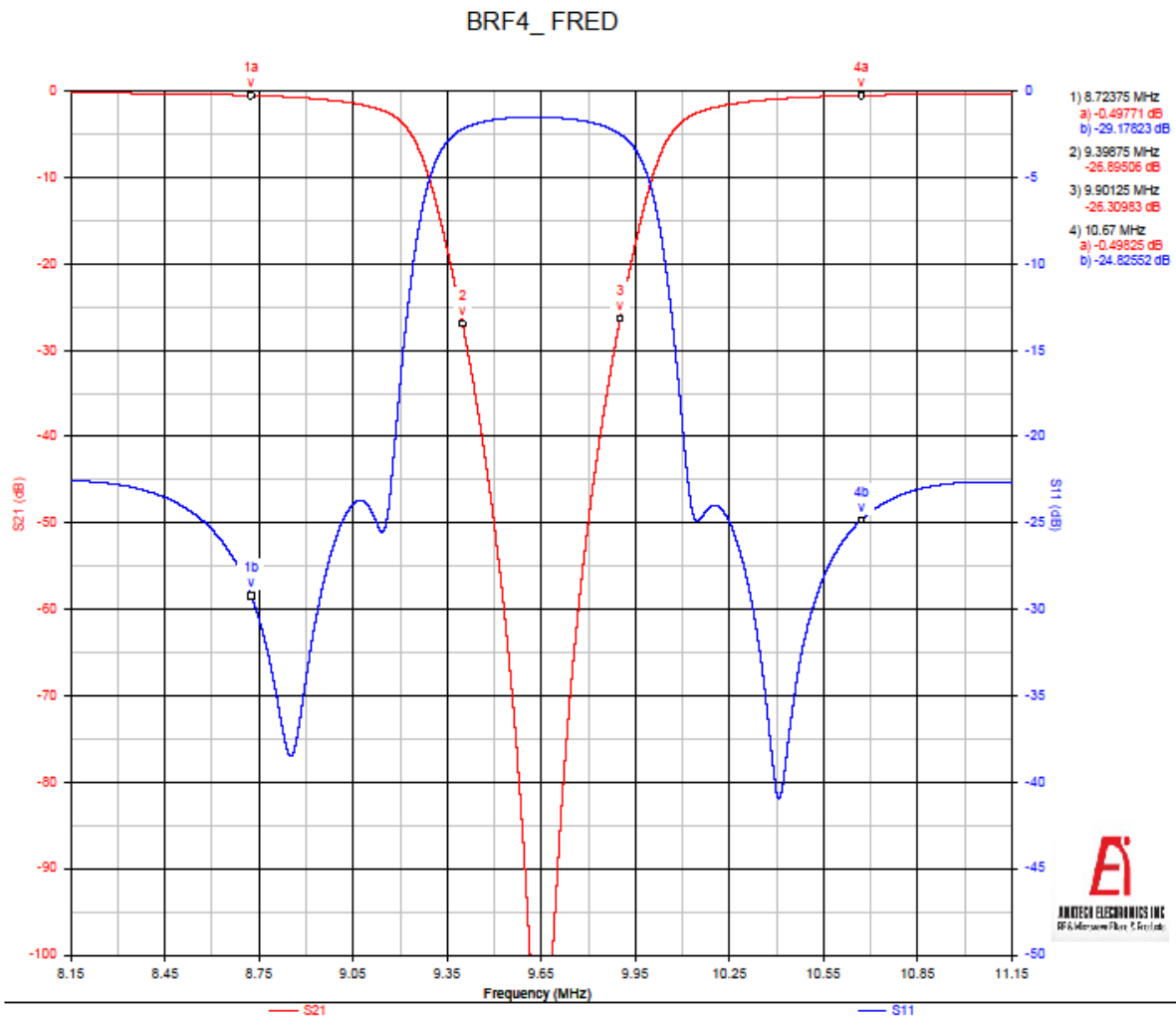
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Simulated response plot



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Angles: +/- 1 Deg.

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