KR Electronics

General Description

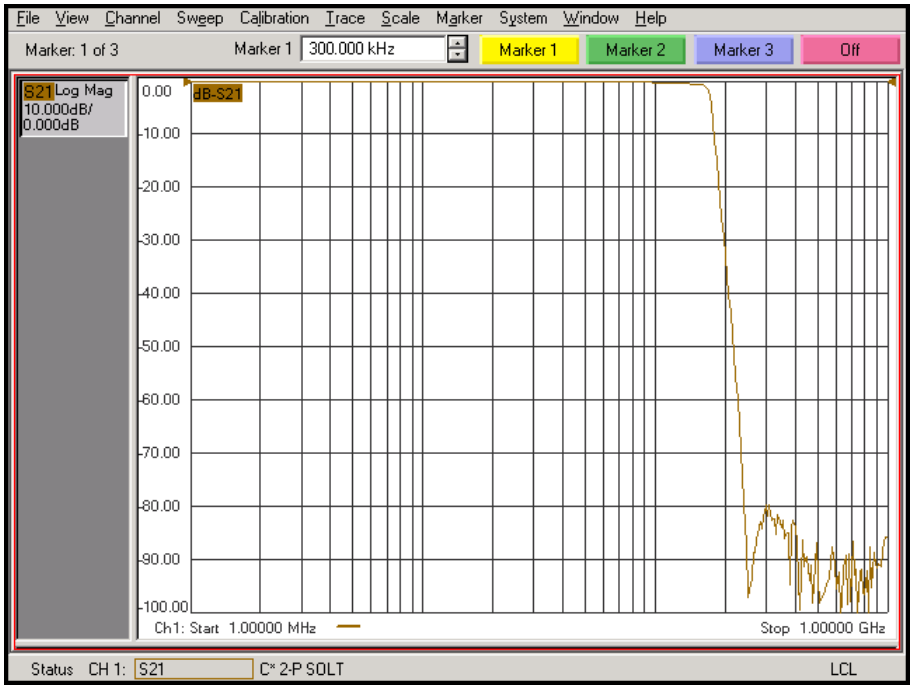
KR Electronics part number 2978 is a 150 MHz elliptic type lowpass filter. The filter has over 70 dB rejection by 250 MHz. Other bandwidths are available. Please consult the factory.

Features

- 150 MHz Lowpass Filter
- Elliptic Type
- Sharp Transition to Stopband
- High Stopband Attenuation
- 50 Ω Source and Load
- Surface Mount
- Also available with SMA connectors

Typical Performance

Overall Response
(10 dB/div)



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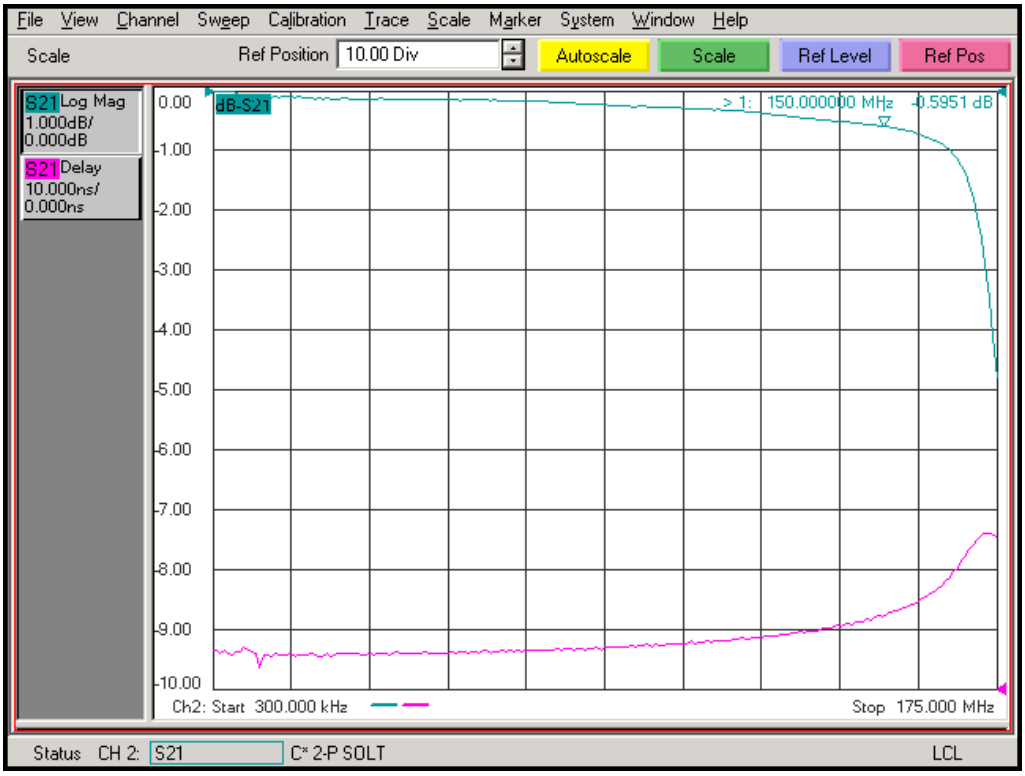
Typical Performance

Passband Amplitude & Group Delay

(1 dB/div & 10 nsec/div)



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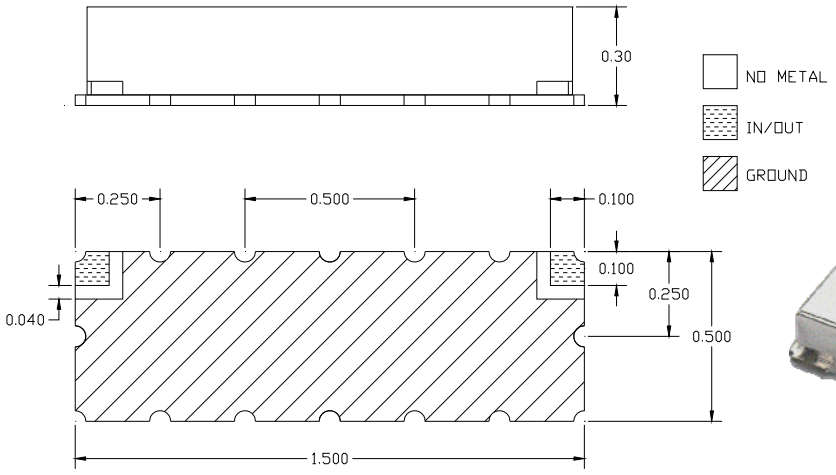
Specifications

Parameter	Specification	Notes
Filter type	Lowpass	
End of Passand (< 1 dB)	150 MHz	0.6 dB typical
Rejection 250 MHz to 1 GHz	70 dB min	
Source and Load	50 Ω	

Physical Dimensions



Notes:
1. Surface mount package, metal cover
2. Dimensions in inches
3. Max reflow temperature 209° C for 10 sec
4. If boards are cleaned after installation units must be completely dried
5. Also available in metal case with SMA connectors

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