

KR Electronics

General Description

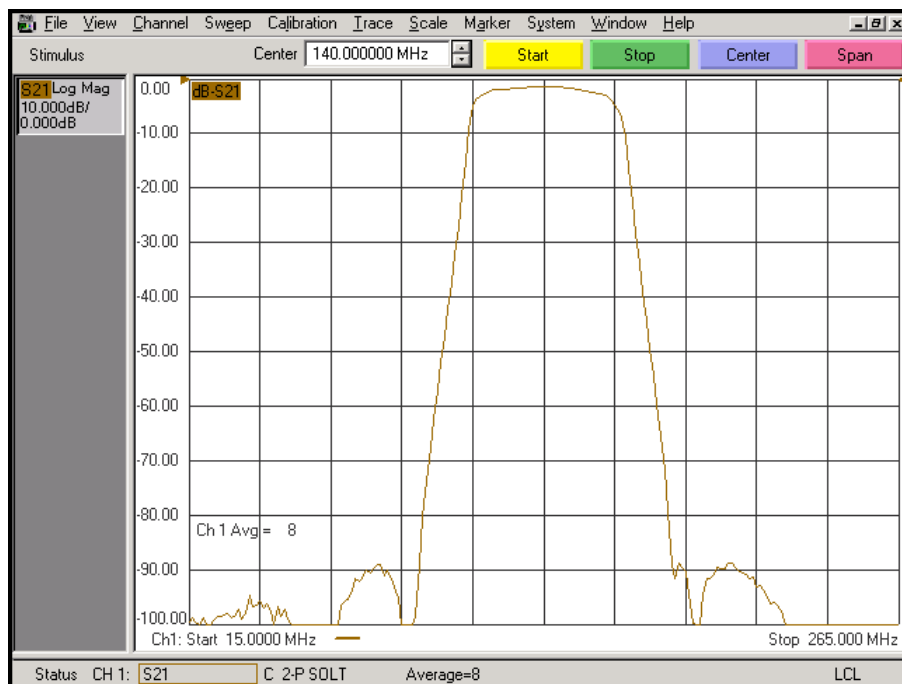
KR 2905 is a 140 MHz bandpass filter. The 0.5 dB bandwidth is 20 MHz minimum. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 140 MHz Center Frequency
- 20 MHz min 0.5 dB Bandwidth
- >80 dB Stopband
- SMA Connectors
- 50 Ω Source and Load

Typical Performance

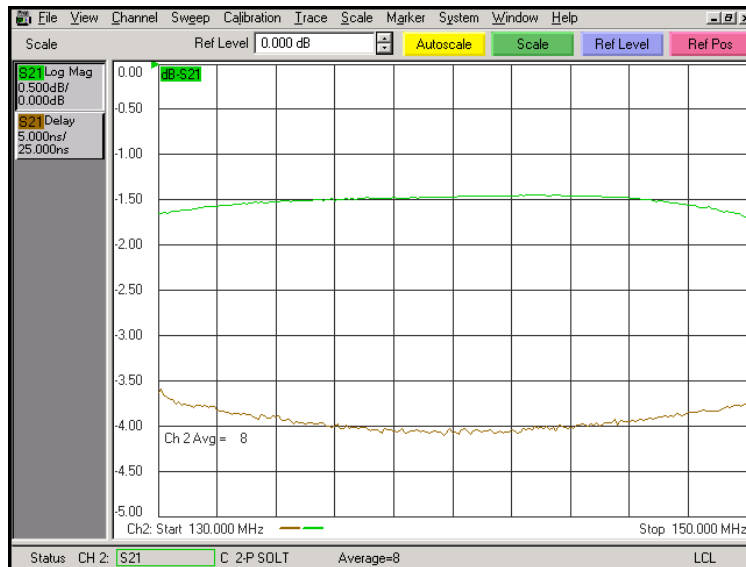
Overall Response (10 dB/div)



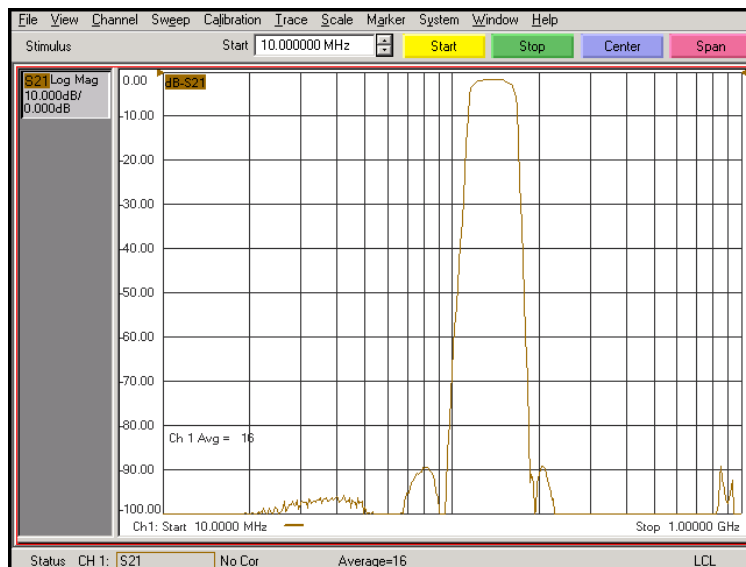
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Typical Performance

Passband Amplitude & Group Delay (0.5 dB/div & 5 nsec/div)



Overall Stopband to 1 GHz (10 dB/div)



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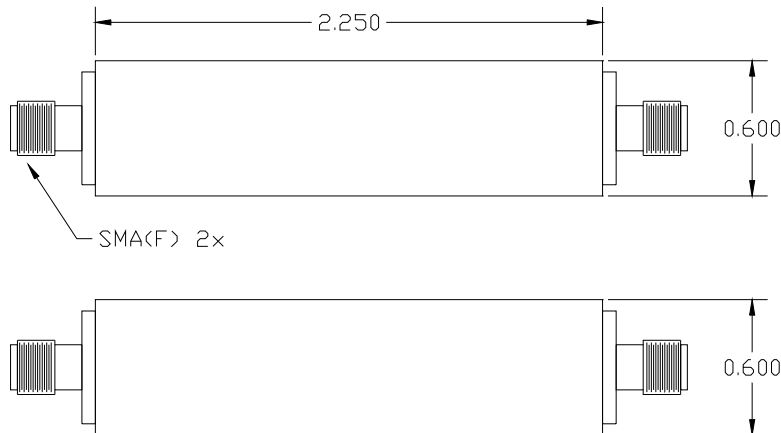
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KR Electronics 2905

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	140 MHz
Insertion Loss	< 2.7 dB (1.5 dB typical)
Minimum 0.5 dB Bandwidth	20 MHz min (30 MHz typical)
Attenuation 95 MHz	80 dB min
Attenuation 185 MHz	80 dB min
Deviation from Linear Phase 135 MHz to 145 MHz	$\pm 1^\circ$ max (<1° p-p typical)
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount version