

KR Electronics

General Description

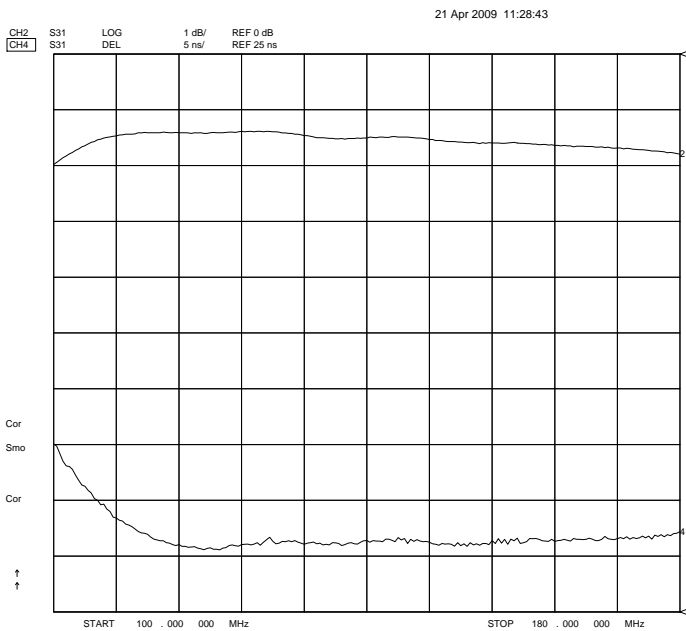
KR 2903 is a 140 MHz group delay equalized elliptic bandpass filter. The filter has a minimum 2 dB bandwidth of 80 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

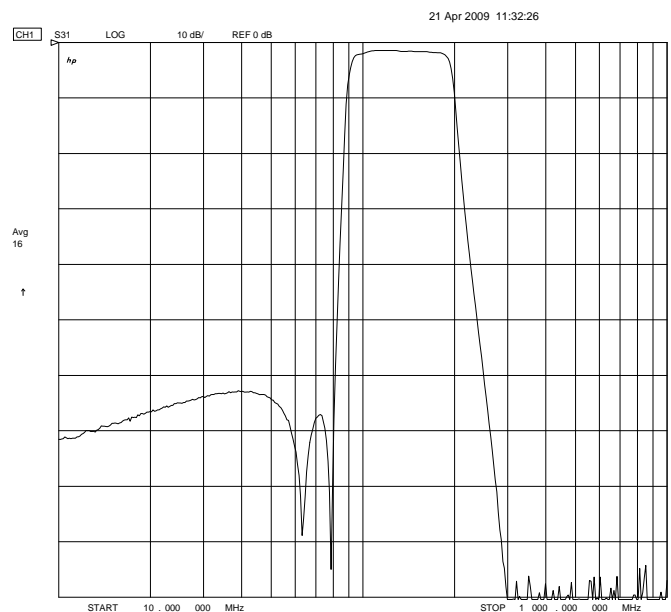
- 140 MHz Elliptic Bandpass
- 80 MHz minimum 2 dB Bandwidth
- Group Delay Equalized
- SMA Connectors
- 50 Ω Source and Load

Typical Performance

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



Overall Response
(10 dB/div)



KR Electronics, Inc.
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Avenel, NJ 07001

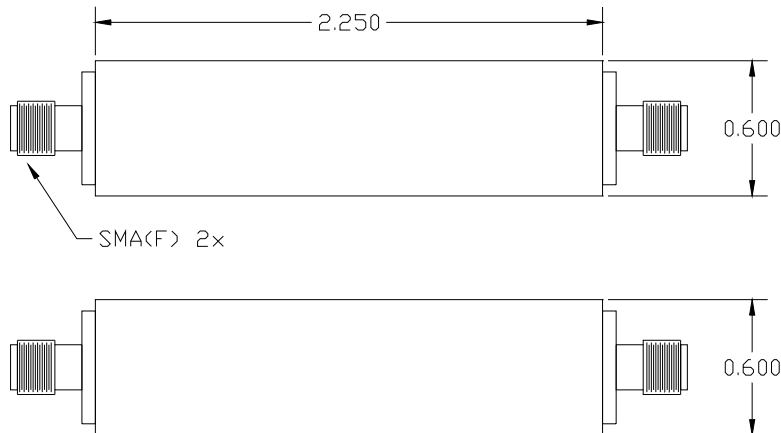
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Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	140 MHz
Insertion Loss	< 2 dB typical
2 dB Bandwidth	80 MHz min (100 MHz typical)
Group Delay Variation 110 MHz to 170 MHz	3 nsec max
Rejection at 80 MHz & 272 MHz	50 dB min
Typical 1 dB Bandwidth	94 MHz
Typical 2 dB Bandwidth	100 MHz
Typical 40 dB Bandwidth	145 MHz
Typical 50 dB Bandwidth	158 MHz
Typical 60 dB Bandwidth	171 MHz
Source and Load	50 Ω

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package (0.5" x 2.0" x 0.3")

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