

General Description

KR Electronics part number 2804-SMA is a 53 MHz bandpass filter. The filter has a minimum 2 dB bandwidth of 58 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 53 MHz Bandpass Filter
- 58 MHz min 2 dB Bandwidth
- 40 dB min Rejection at 10 MHz & 103 MHz
- 50 Ω Source and Load
- SMA Connectors
- Surface Mount also available

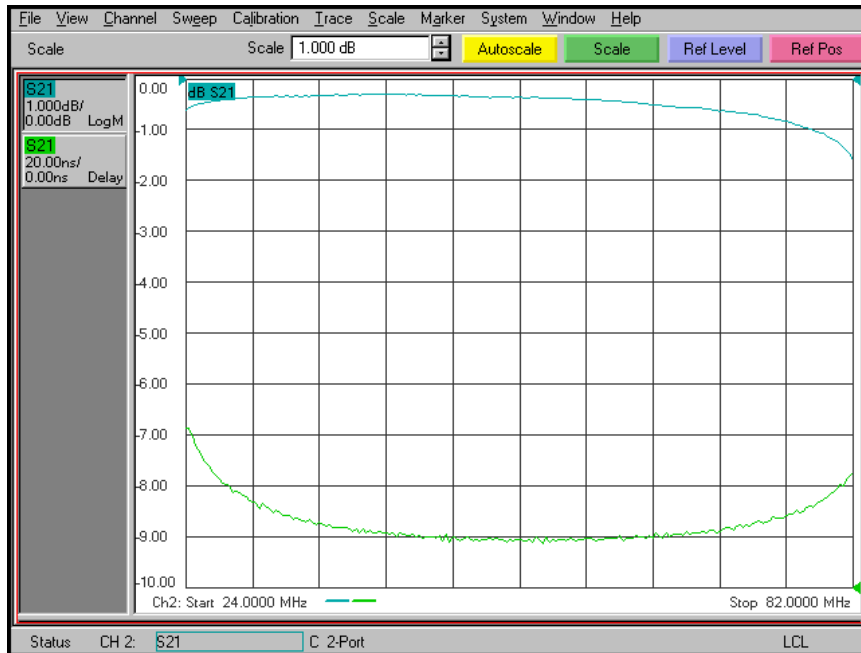
Typical Performance

Overall Response (10 dB/div)



Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 20 nsec/div)



Overall Response (10 dB/div)



KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

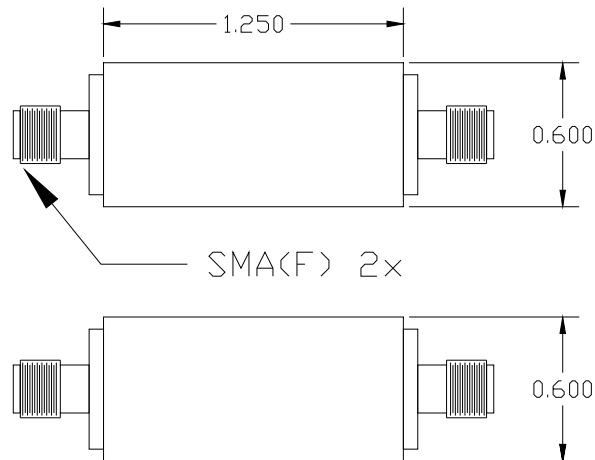
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 2804-SMA

Specifications

| Parameter | Specification | Notes |
|-----------------------------|---------------|------------------|
| Filter type | Bandpass | |
| Center Frequency | 53 MHz | |
| Insertion Loss | 1 dBa max | 0.5 dBa typical |
| 2 dBc Bandwidth | 58 MHz min | 24 MHz to 82 MHz |
| Rejection at 10 MHz & below | 40 dBc min | |
| Rejection at 103 MHz | 40 dBc min | |
| Source and Load | 50 Ω | |
| | | |
| | | |
| | | |

Physical Dimensions



Notes:

1. Rectangular metal case
2. Dimensions in inches
3. SMA(f) connectors In/Out