

# KR Electronics, Inc.

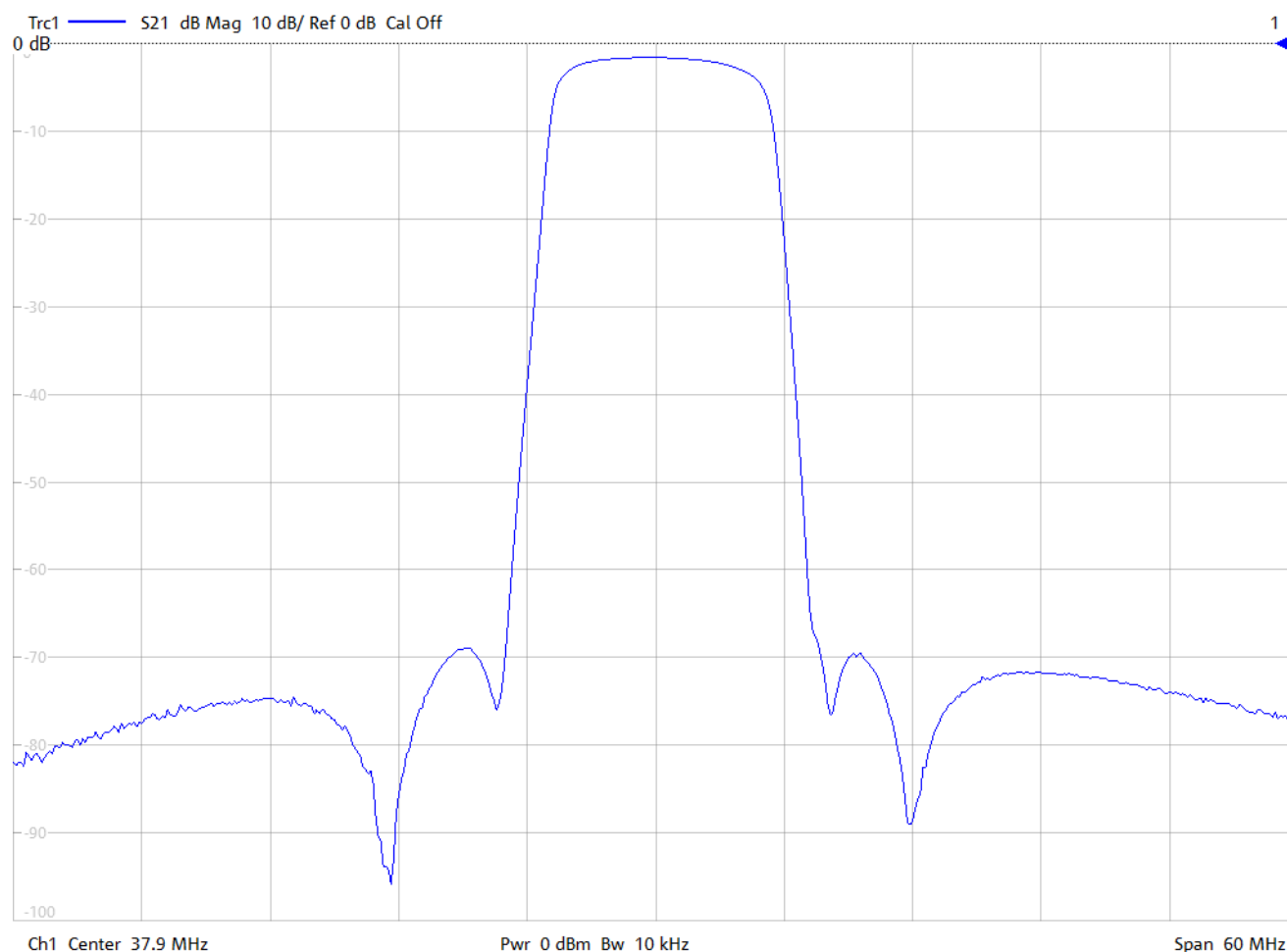
## General Description

KR Electronics part number 3422+ is a 37.9 MHz Bandpass filter. The filter has a typical 3 dB bandwidth of 9.5 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

## Features

- 37.9 MHz Bandpass Filter
- Selective Elliptic Type Filter
- 1 dB Bandwidth: 7.3 MHz typical
- 60 dB Bandwidth: 13.9 MHz typical
- 50  $\Omega$  Source and Load
- Surface Mount
- Available with SMA Connectors

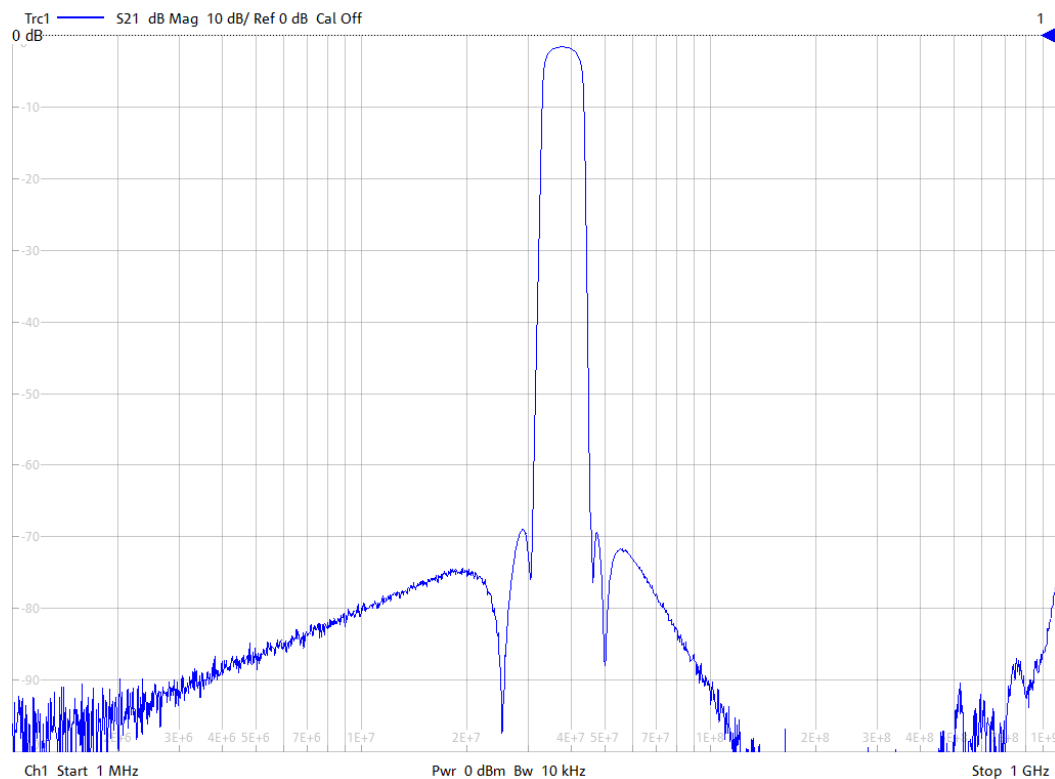
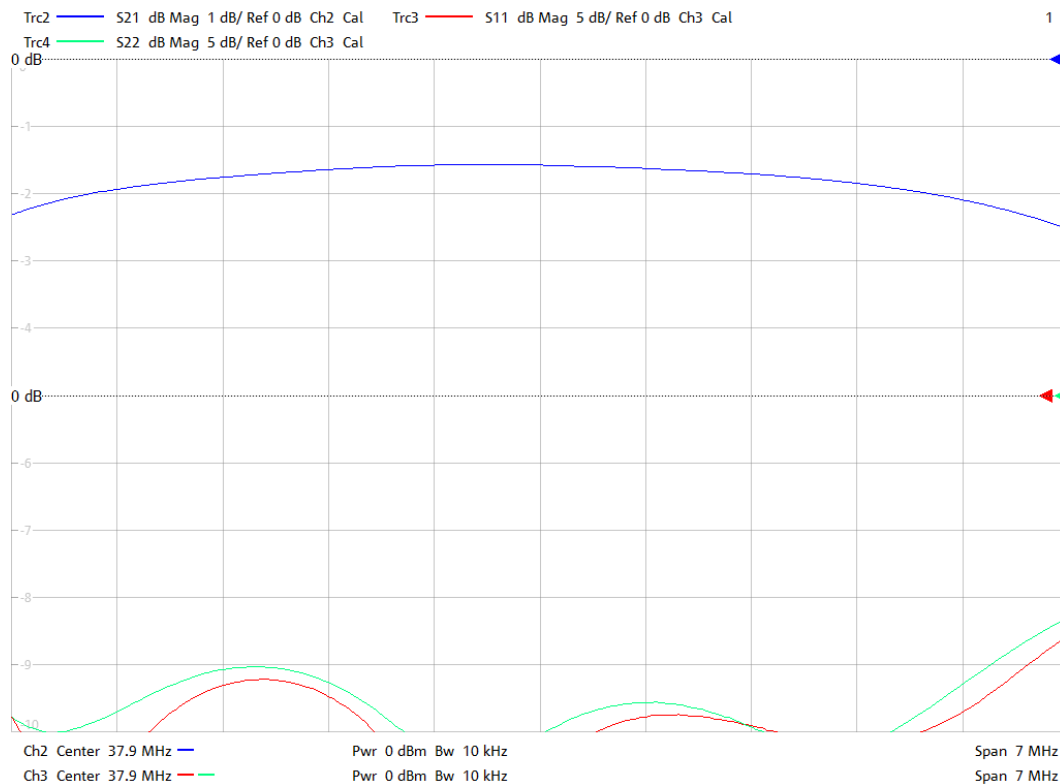
## Typical Performance



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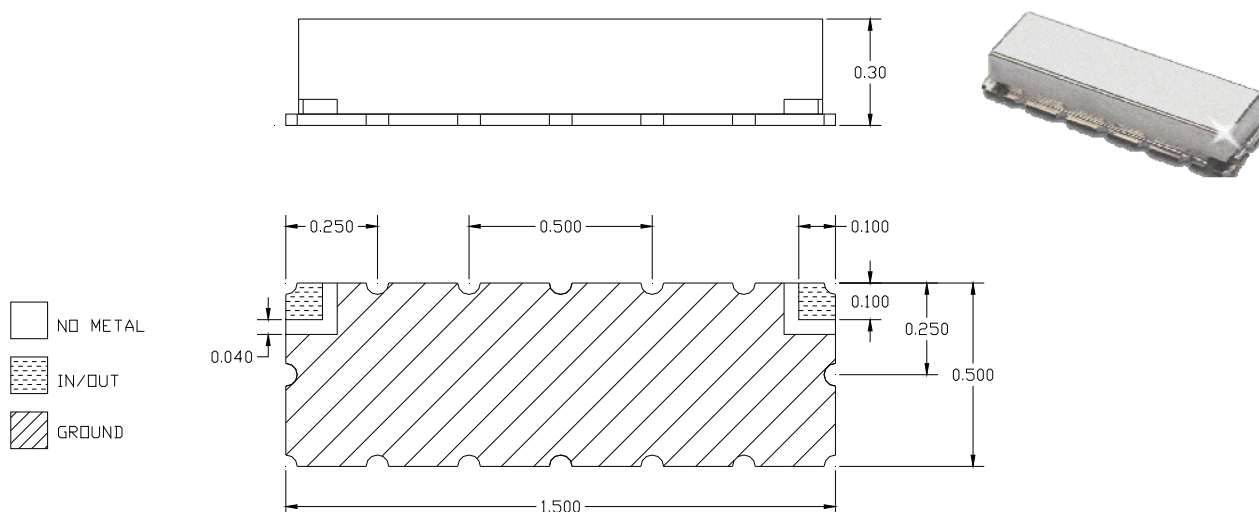
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## Specifications

| Parameter                     | Specification    | Notes           |
|-------------------------------|------------------|-----------------|
| Filter type                   | Bandpass         |                 |
| Center Frequency              | 37.9 MHz         |                 |
| Insertion Loss at Fc          | 3 dBa max        | 1.6 dBa typical |
| 1 dBc Bandwidth               | 7.3 MHz typical  |                 |
| 3 dBc Bandwidth               | 9.5 MHz typical  |                 |
| 40 dBc Bandwidth              | 12.7 MHz typical |                 |
| 60 dBc Bandwidth              | 13.9 MHz typical |                 |
| Rejection at 31.1 MHz & below | 50 dBc min       | >60 dBc typical |
| Rejection 45.4 MHz to 1 GHz   | 60 dBc min       |                 |
| Source and Load               | 50 $\Omega$      |                 |

## Physical Dimensions



### Notes:

1. Surface mount package — Metal cover open frame
2. Dimensions in inches
3. Maximum reflow temperature is 230° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.
5. Also available with SMA connectors

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