

KR Electronics, Inc.

General Description

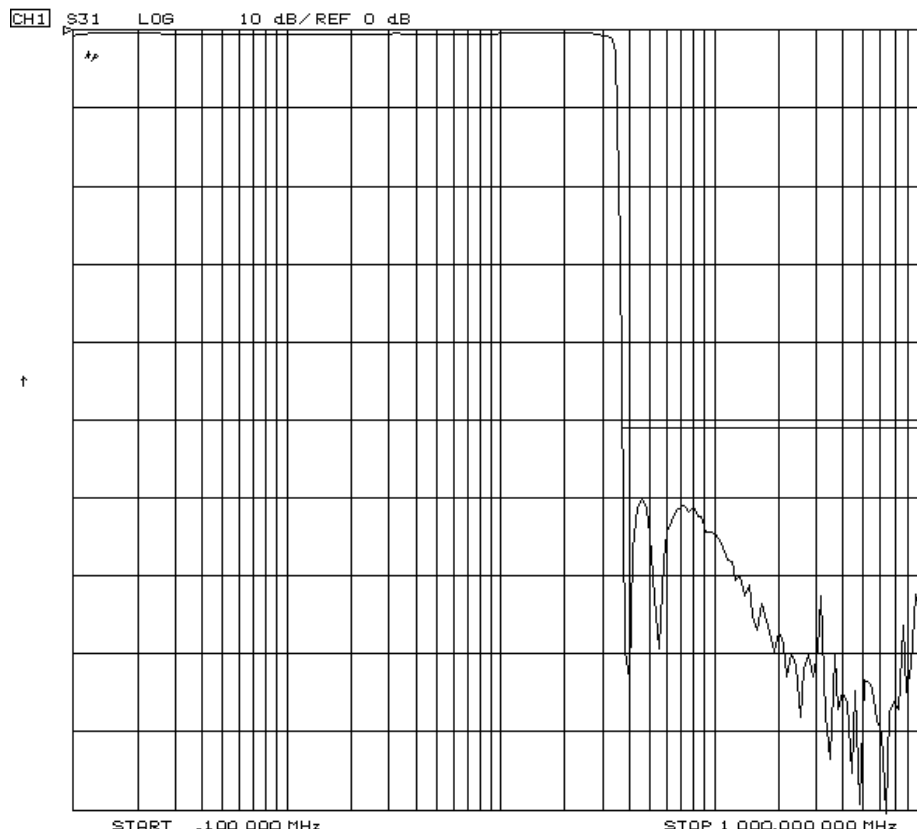
KR Electronics part number 3018-2+ is a 30 MHz lowpass filter. The filter has group delay and amplitude equalization and attains over 50 dB by 37.5 MHz. Other frequencies are available. Please consult the factory.

Features

- 30 MHz Lowpass Filter
- Group Delay Equalized
- Elliptic Type—Sharp Transition
- 50 dB min Attenuation by 37.5 MHz
- 50 Ω Source and Load
- Surface Mount
- Also available with SMA Connectors

Typical Performance

Overall Response
(10 dB/div)

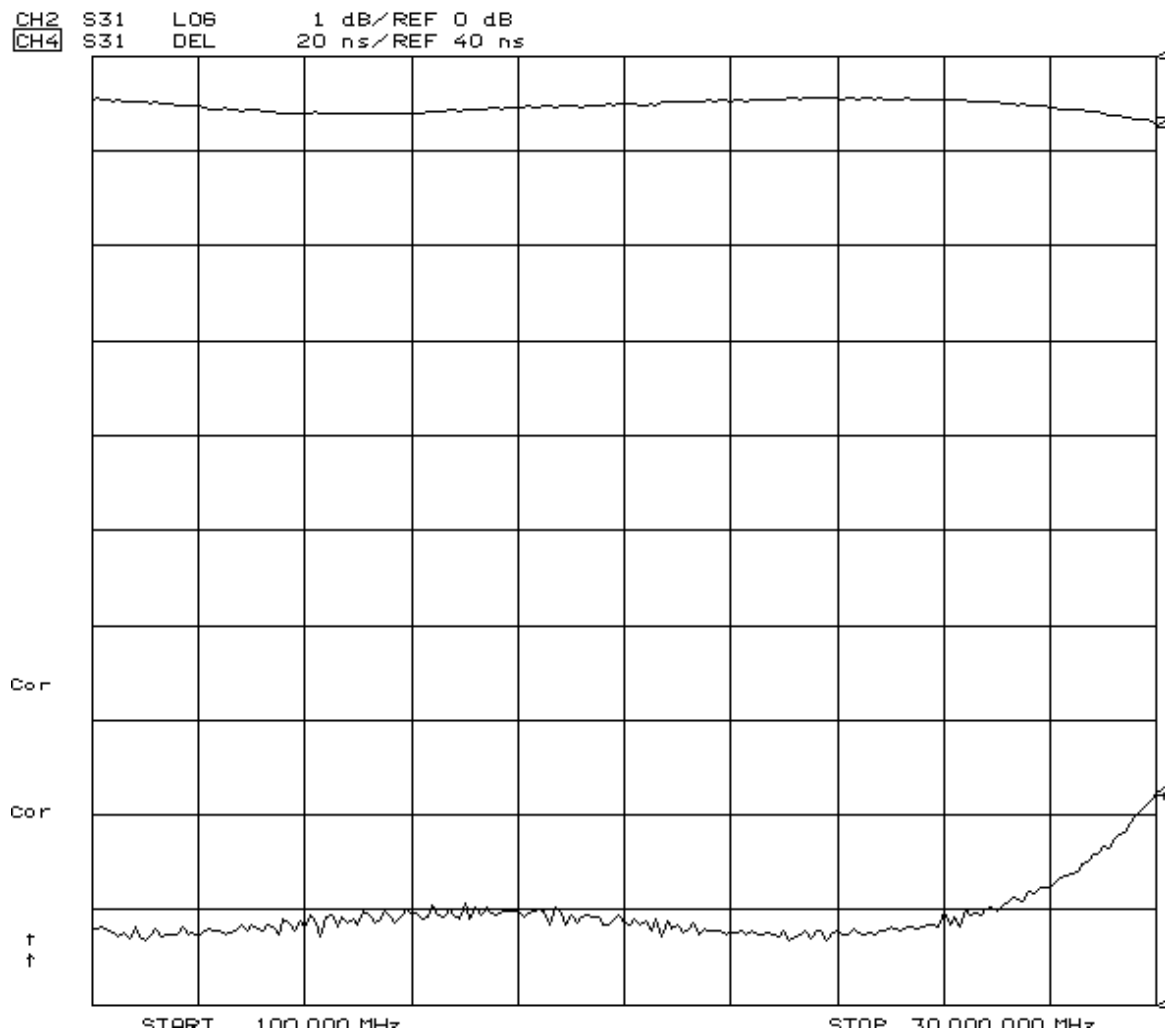


KR Electronics, Inc.
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Typical Performance

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

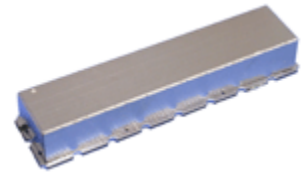
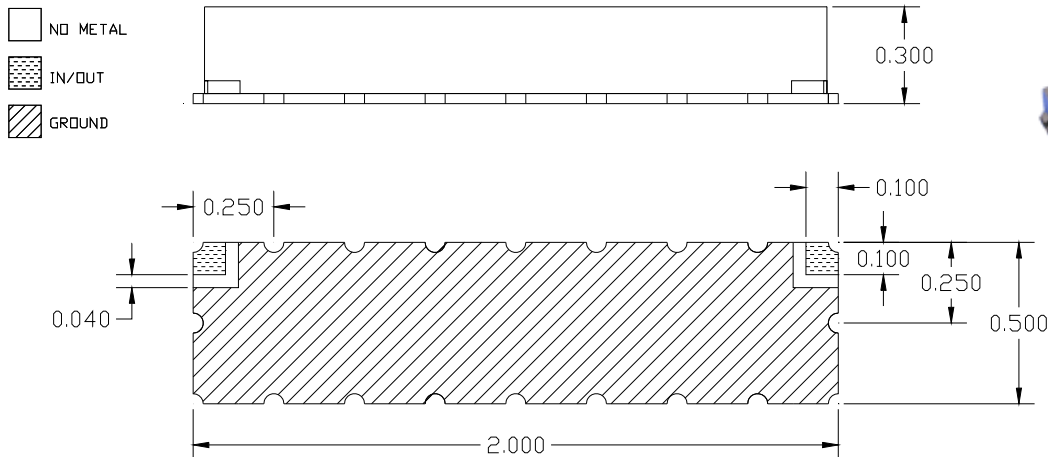


KR Electronics 3018-2+

Specifications

Parameter	Specification
Filter type	Lowpass
Passband Ripple to 30 MHz	1 dB max
Rejection at 37.5 MHz	50 dB min 60 dB typical
Source and Load	50 Ω
RoHS	Yes

Physical Dimensions



Notes:

1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 230° C for 10 sec
4. If boards are cleaned after installation units must be completely dried

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