

General Description

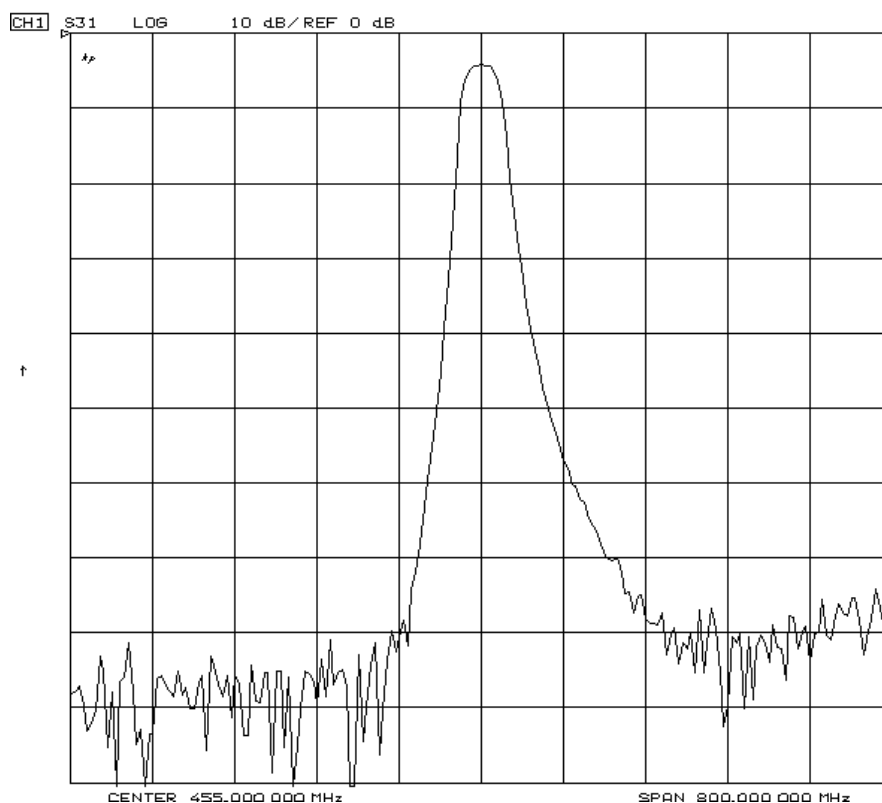
KR Electronics part number 3017 is a 455 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 30 MHz. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 455 MHz Bandpass
- Minimum 3 dB Bandwidth 30 MHz
- 50 Ω Source and Load
- Surface Mount
- Also available with SMA Connectors

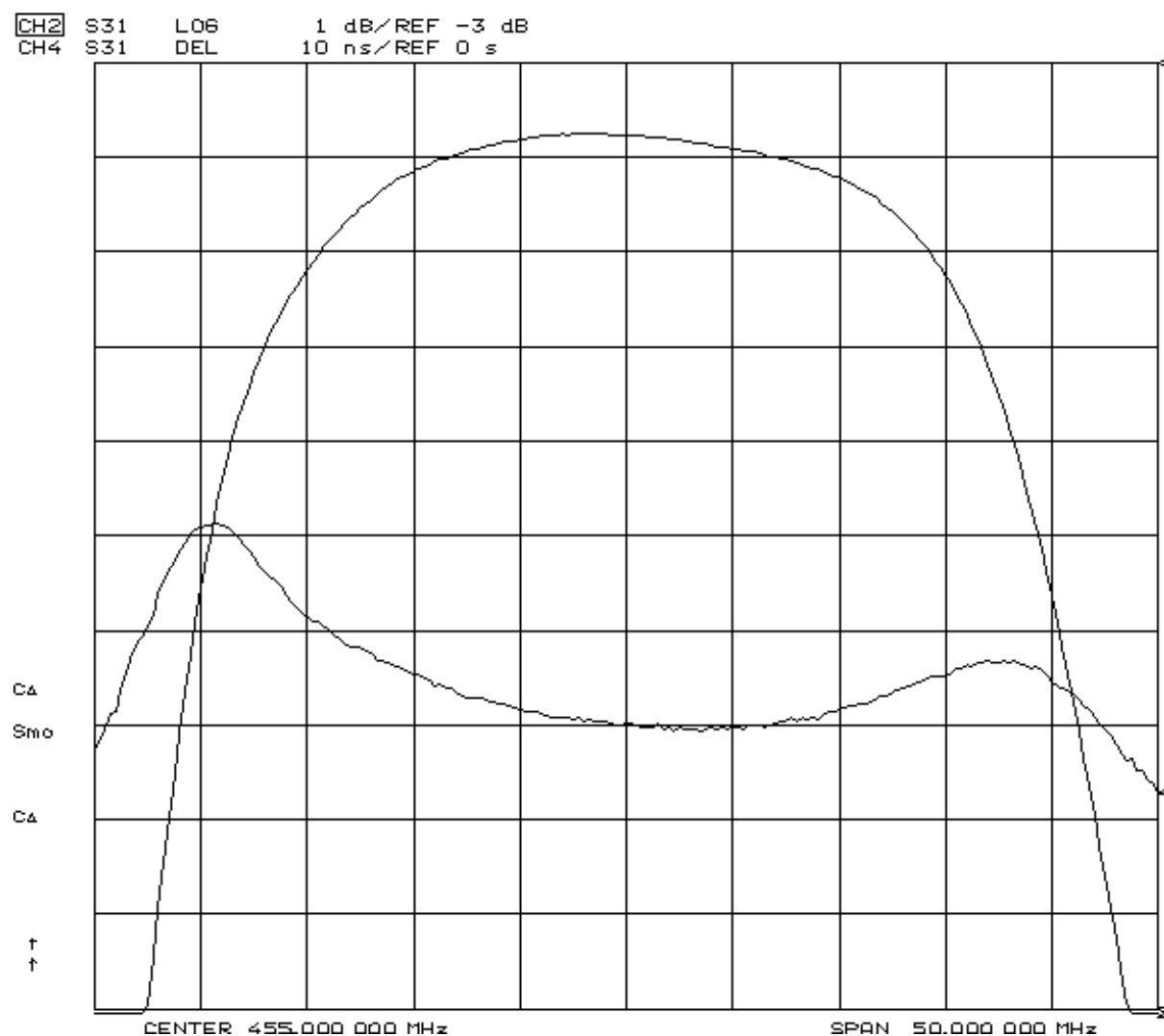
Typical Performance

Overall Response
(10 dB/div)



Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 10 nsec/div)

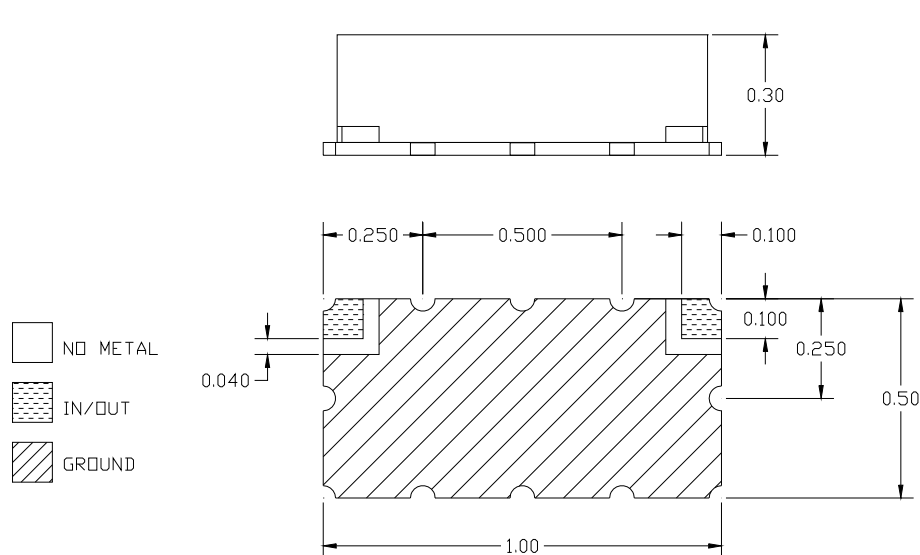


KR Electronics 3017

Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	455 MHz
Insertion Loss	4 dB typical
3 dB Bandwidth	30 MHz min
20 dB Bandwidth	59 MHz typical
40 dB Bandwidth	94 MHz typical
60 dB Bandwidth	160 MHz typical
Source and Load	50 Ω

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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