

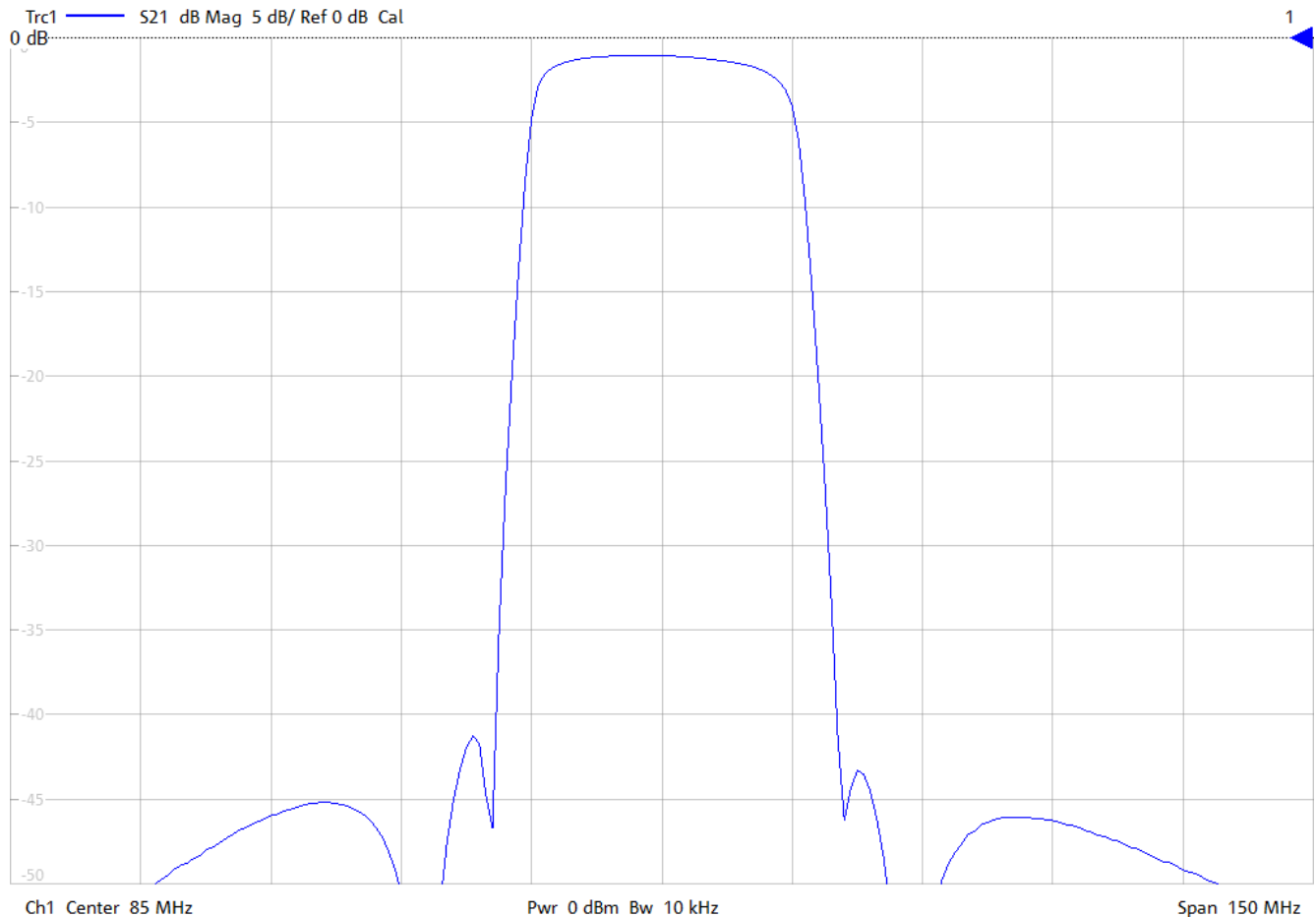
General Description

KR Electronics part number 2538-1 is a 85 MHz Bandpass filter. The filter has a minimum 1 dB bandwidth of 20 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 85 MHz Bandpass Filter
- 1 dB BW: 20 MHz min
- 40 dB BW: 40 MHz typical
- Selective Elliptic Type Filter
- 50 Ω Source and Load
- Other frequencies available
- Surface Mount
- SMA also available

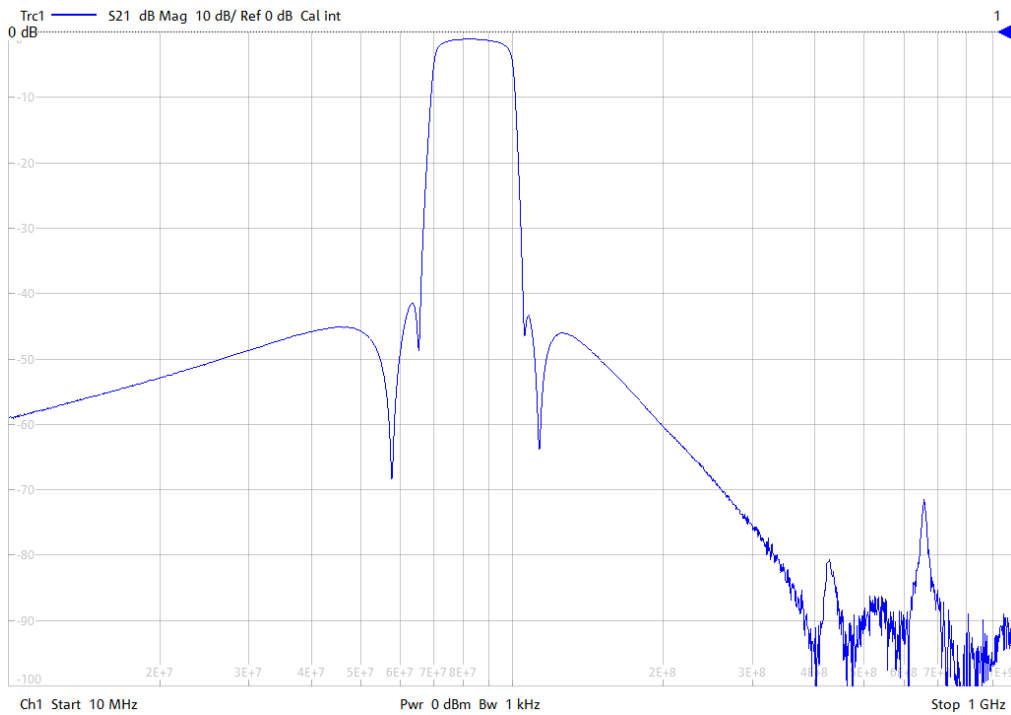
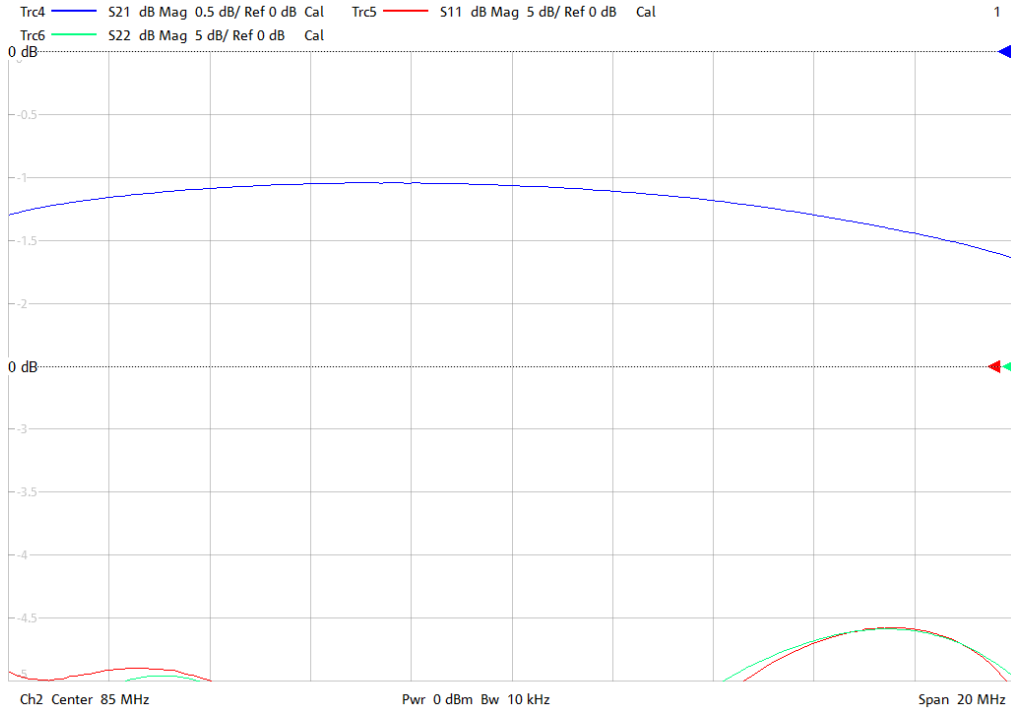
Typical Performance



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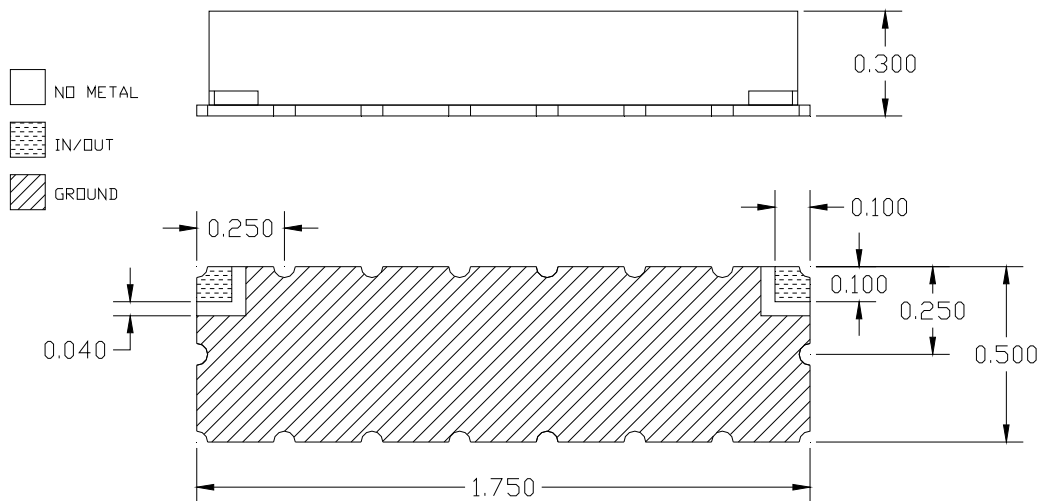
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KR Electronics 2538-1

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	85 MHz	
Insertion Loss at Fc	2.5 dBa max	1 dBa typical
1 dBc Bandwidth	20 MHz min	25 MHz typical
3 dBc Bandwidth	29.7 MHz typical	
Rejection below 65 MHz	35 dBc min	40 dBc typical
Rejection above 105 MHz to 1000 MHz	28 dBc min	37 dBc typical
40 dBc Bandwidth	40 MHz typical	
Source and Load	50 Ω	

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 max
4. If boards are cleaned after installation, units must be completely dried
5. Also available with SMA connectors