# OG101B-1805-2170




## Features

- Surface-mount construction
- Frequency range: 1805–2170 MHz
- Isolation: 20 dB
- Insertion loss: 0.30 dB
- Forward power: 200 W

## Description

The OG101B-1805-2170 is a surface-mount isolator for 1805–2170 MHz. It routes reflected RF power into its termination. The forward and reverse power ratings are listed on page 2.



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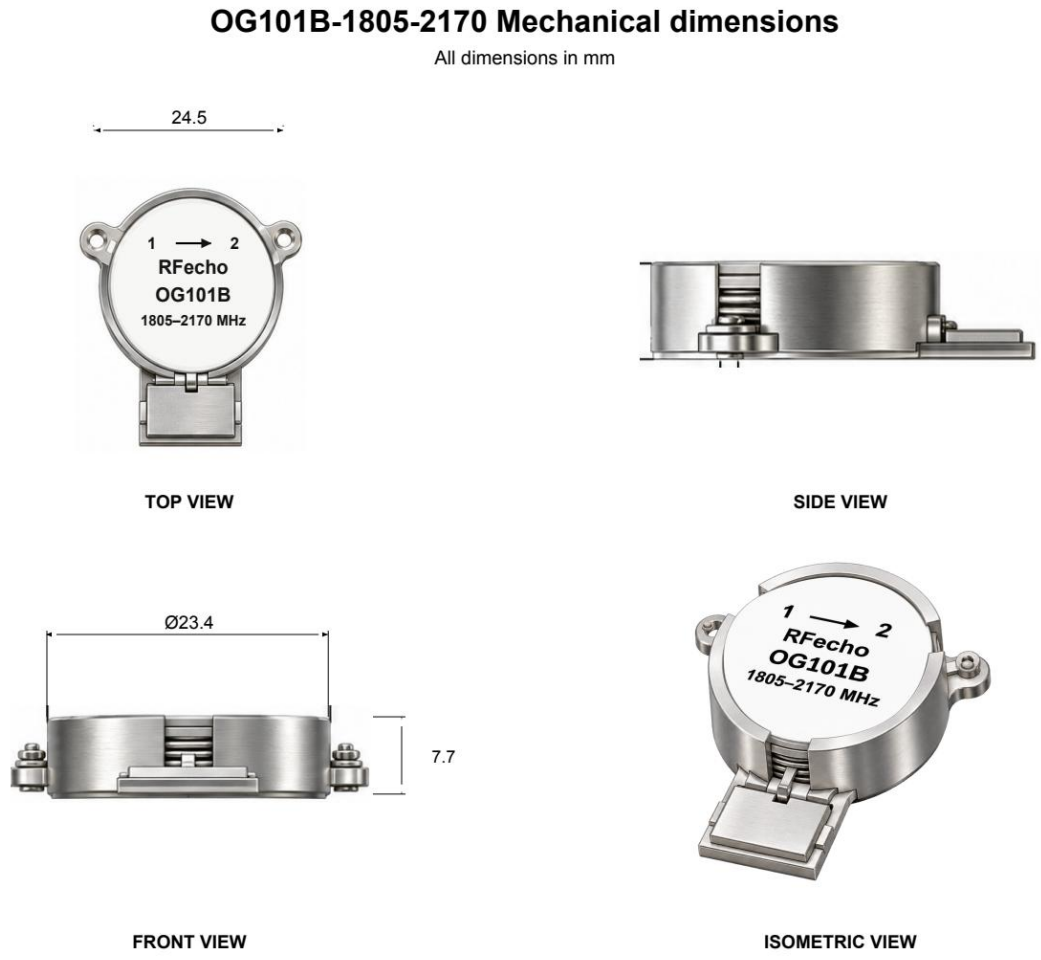
## Technical indicators

| Frequency | Return loss | Isolation | Insertion loss | IMD3 | Forward power |
|---|---|---|---|---|---|
| 1805–2170 MHz | 20 dB | 20 dB | 0.30 dB | -65 dBc at 2 × 50W | 200 W |
| **Reverse power** | | | **Operating temp.** | | |
| 100 W | | | -40 to 120 °C | | |

## Mechanical dimensions





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# RF performance

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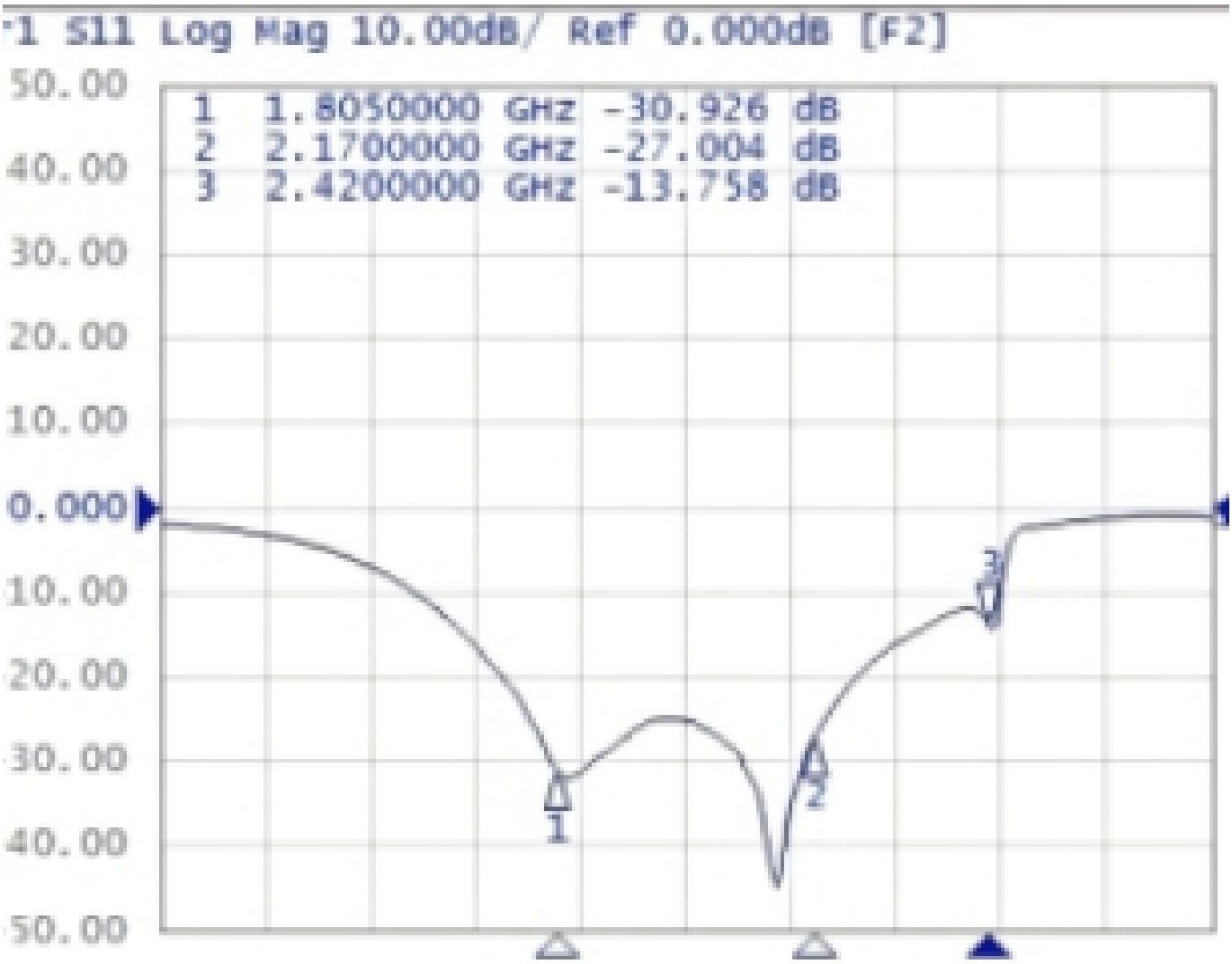




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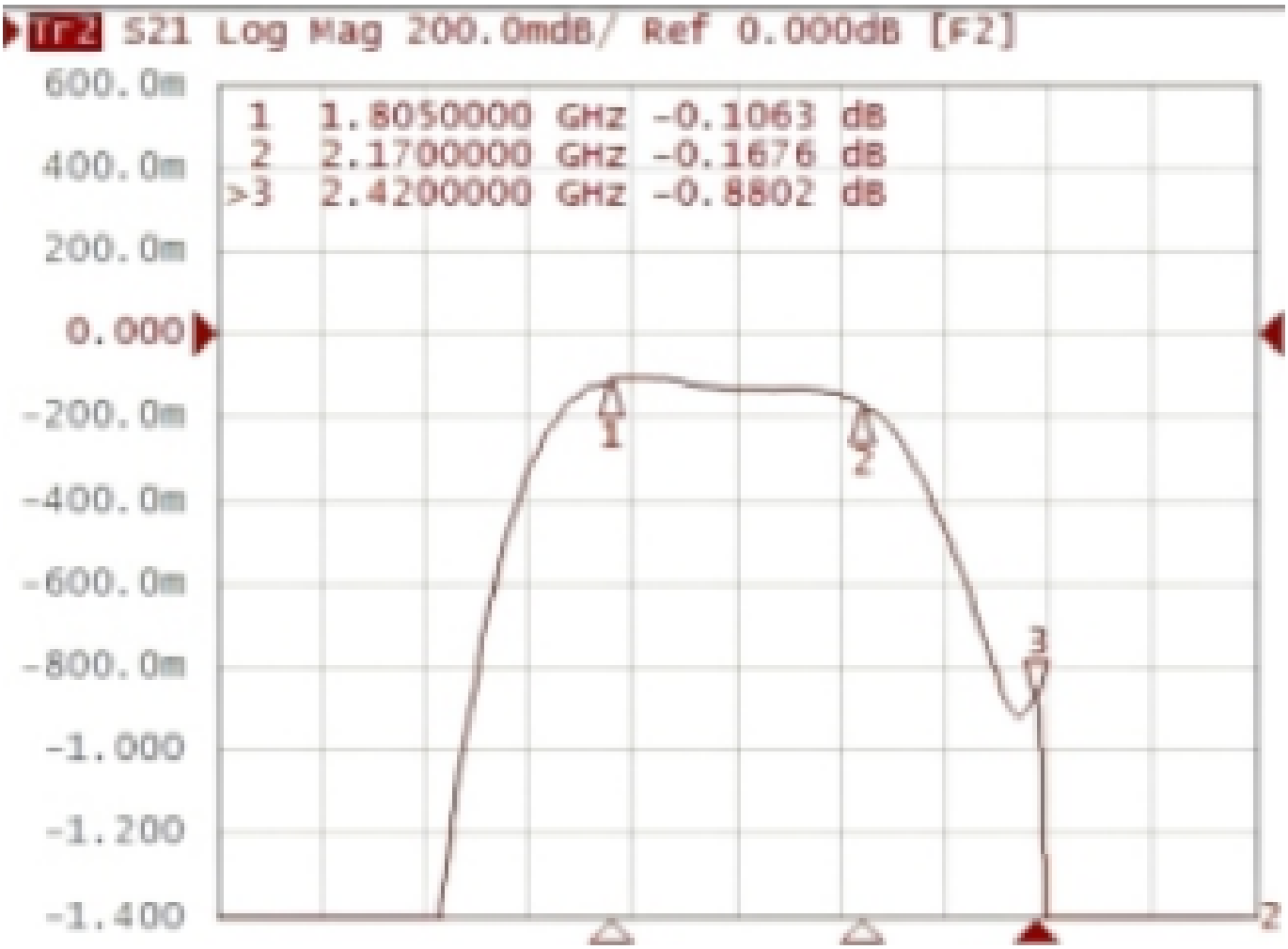




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