250 ns Rise-Time Filter  ORTF-250

Advanced TLP/HMM/HBM Solutions

1  Features

- 50 Ω rise-time filter for TLP measurements
- 250 ns (±10 %) rise-time
- 60 A pulse current
- 2.5 kV
- SMA connectors

2  Description

The rise time filter is used to generate a pulse rise-time of 250 ns at the output of the filter. The filter can be connected directly at the pulse output of the high voltage pulse generator.

The rise-time of the pulse at the input of the filter should be ≤1 ns. The filter is fully symmetrical. Input and output can be exchanged.

3  Electrical Characteristics

Figure 1: Physical dimensions in [mm]

Figure 2: Typical step response

Figure 3: Typical frequency response

Figure 4: Typical return loss
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4 Ordering Information

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