

Datasheet

SHF 125

Wideband Bias-T



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SHF 125

wideband bias-T

20 kHz...110 GHz @ $t_r < 3.5$ ps
0.2 μ F 16 V 0.4 A 0.4 mH

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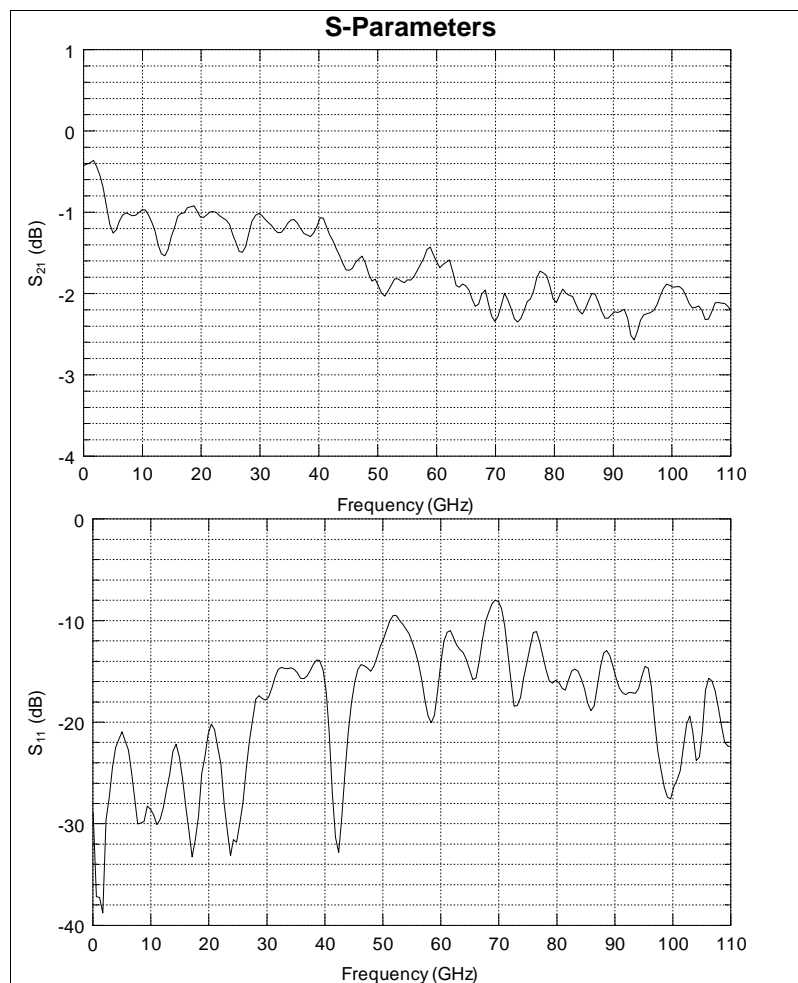
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Bandwidth	20 kHz...> 110 GHz
Insertion loss (S_{21} , S_{12})	<-1.9 dB <40 GHz, <-2.5 dB <65 GHz, <-2.9 dB <110 GHz
Input return loss (S_{11} , S_{22})	<-18 dB <12 GHz, <-10 dB <40 GHz, <-8 dB, <110 GHz
Maximum input power	30 dBm 1 W
Rise time / Fall time	< 3.5 ps
Supply inductance	0.4 mH, 0.4 A
Series capacitor	0.2 μ F, 16 V
Bias voltage	16 V, 0.4 A
Input and output connectors	1.0 mm Please observe the "Operating and Service Manual Rev 1.0"
Bias input connector	2.9 mm
Dimensions (L x W x H)	70 x 15 x 20 + 1.0 mm connectors

- Pulse optimized applications**
 Low overshoot
 for data transmission
 High bandwidth



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■ Applications

Optical Communications
 Research and Development
 High-Speed Pulse Experiments
 Data Transmission

The following combinations of connectors are available

Please specify with your order. All measurements are in mm.

