

868MHz BAND PASS FILTER



TECHNICAL DATA SHEET

OPA_BP868MHZ

OPA_BP868MHz is an 868MHz SAW Band Pass Filter for ISM Band application.

Features:

- Center Frequency: 869MHz
- Insertion Loss: 2.8dB
- Input / Output Impedance: 50 Ω
- Maximum Input Power: +18dBm
- SAW Technology
- SMA Connector

Specifications @ +25 °C, ZS = ZL = 50

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	MHz	868		870
Center Frequency	MHz		869	
Insertion Loss	dB		2.8	
Return Loss @ Fo	dB		15	
Rejection at 862 MHz	dB		48	
Maximum Input Power	dBm		+18	
Maximum Input DC voltage	V		6	
Input/output impedance			50	

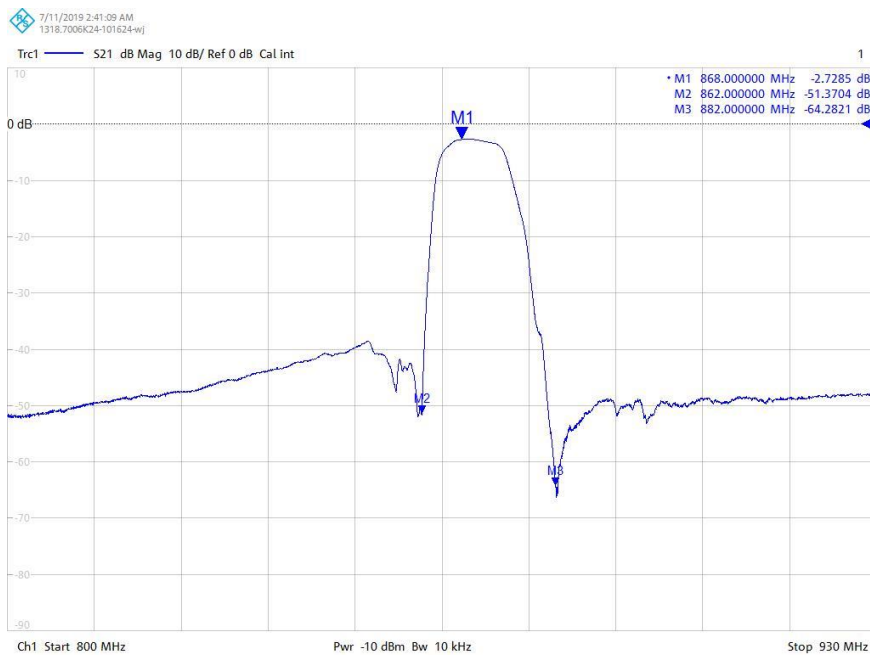
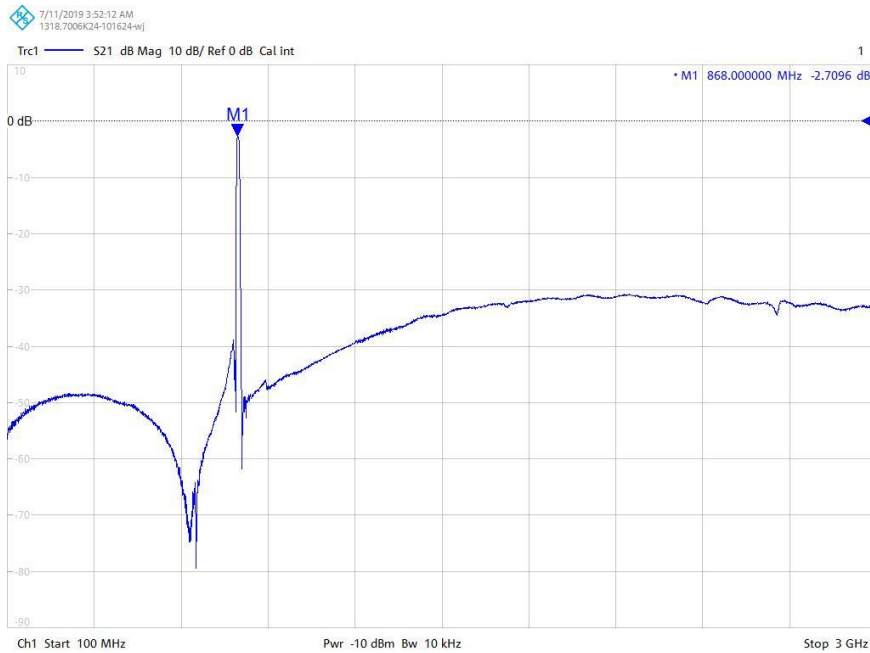
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Typical performance data:



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Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Input Power	+18dBm
DC Input Power	6V
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C

Outline

