



1960 MHz RF Saw Band Pass Filter

Part Number: AM1960S1098



Electrical Specifications:

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1960	-
Insertion Loss within 1930.6~1989.4 MHz	dB	-	3.4	4.0
Insertion Loss within 1932.4~1987.6 MHz	dB	-	3.4	3.8
Amplitude Ripple within 1930.6~1989.4 MHz	dBp-p	-	1.7	2.6
Amplitude Ripple within 1932.4~1987.6 MHz	dBp-p	-	1.7	2.4
VSWR within 1930.6~1989.4 MHz	-	-	2.2	2.8
Attenuation:				
50 ~ 1850.6 MHz	dB	40	45	-
1850.6 ~ 1909.4 MHz	dB	40	43	-
1852.4 ~ 1907.6 MHz	dB	40	43	-
2040.0 ~ 2800.0 MHz	dB	35	45	-
2800.0 ~ 3400.0 MHz	dB	30	38	-
3400.0 ~ 6000 MHz	dB	25	33	-

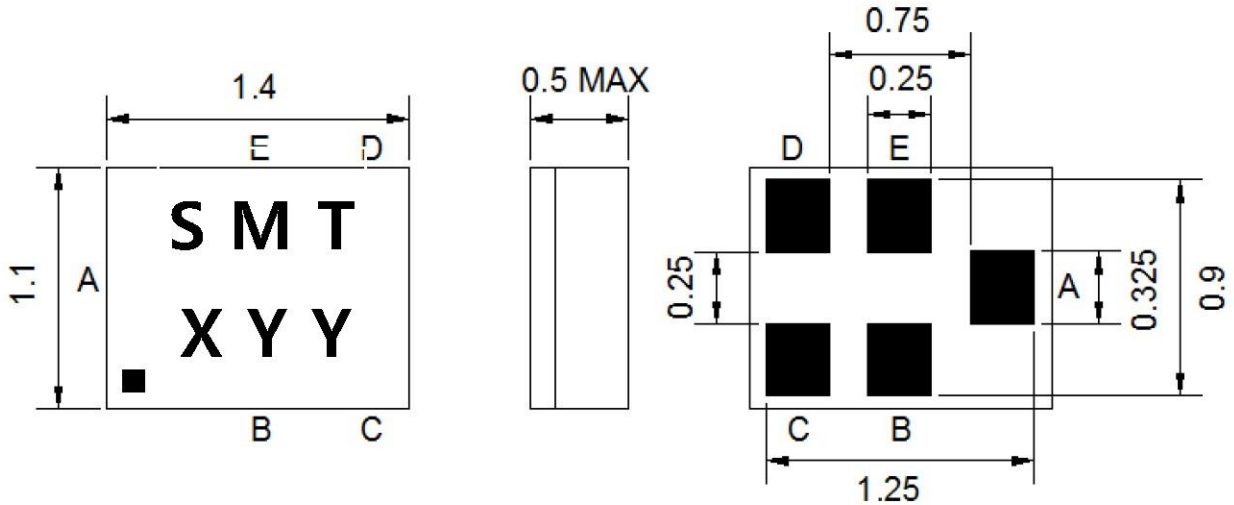
Maximum Ratings:

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ¹	Ω	-	50	-
Load Impedance (Single Ended) ¹	Ω	-	50	-
Package Size and Type	1.4 x 1.1 x 0.5 mm C26			

Notes: ¹No Matching Network.



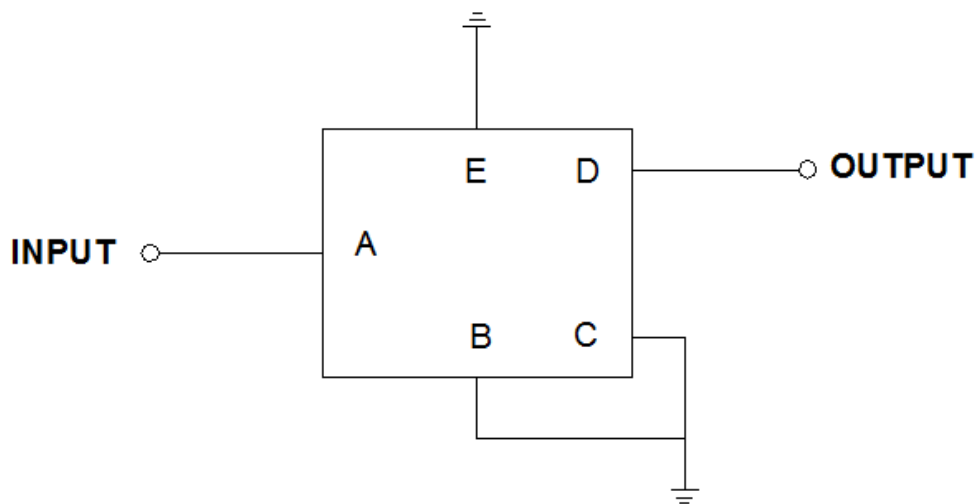
Outline Drawing:



Marking Descriptions	
S	Model
MT	Series Number
X	Date Code(Year+Month)
YY	Lot No

Pin Description	
B, C, E	Ground
A	Input
D	Output

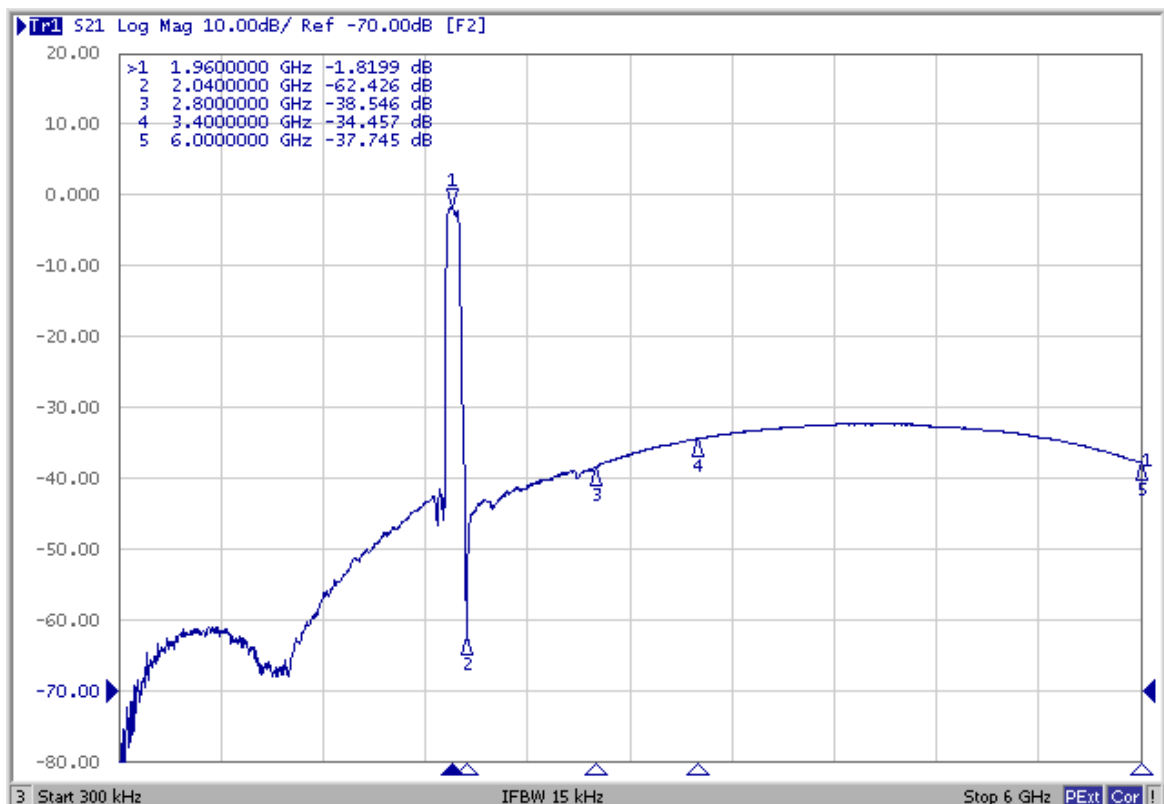
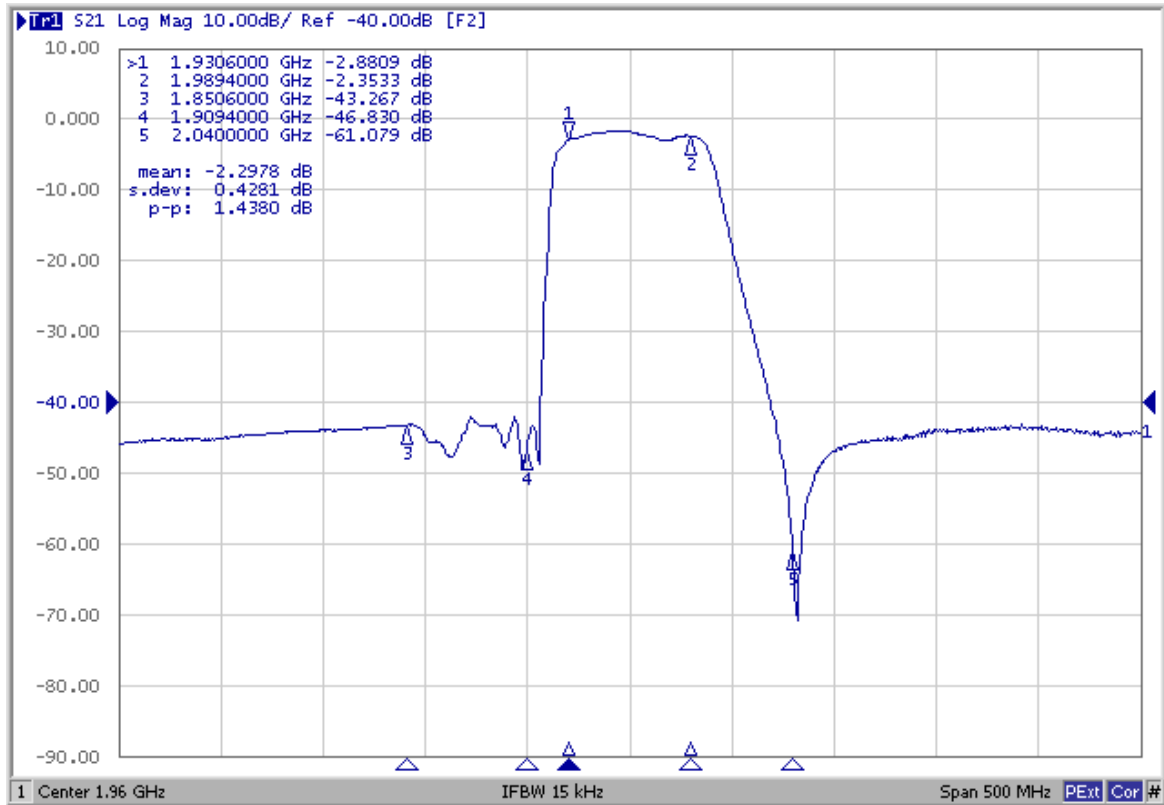
Testing Environment:



Source & Load Impedance: 50 Ω

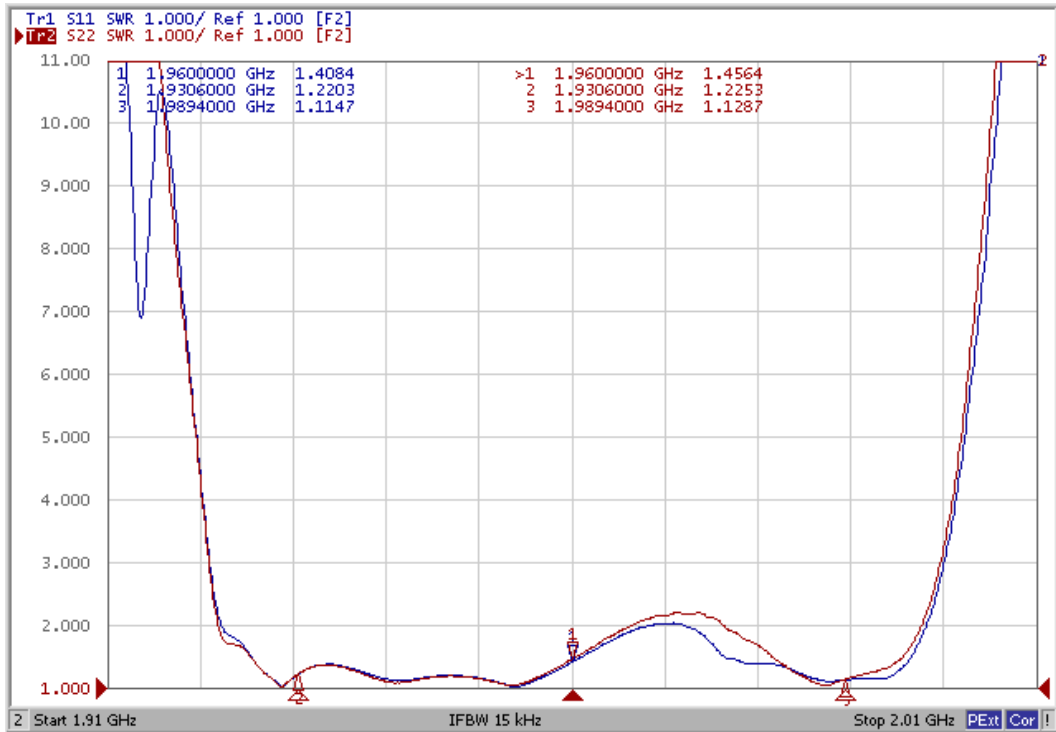


Frequency Response:

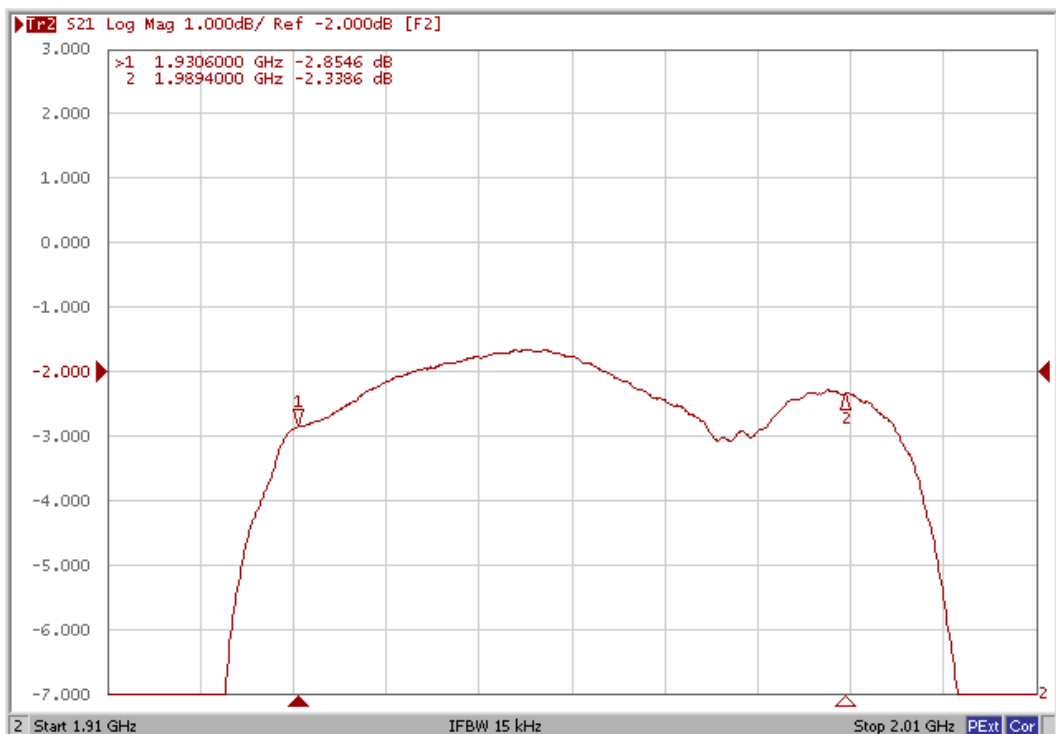




VSWR:



Ripple:





Smith Chart:

