



Total Solution Provider in Saw Device

SF-1880T1-C26

Band 2, RF-Tx SAW Filter
Revision 0 : February 2014



- Electrical Characteristics
 - Package Dimensions
 - Testing Environment
 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

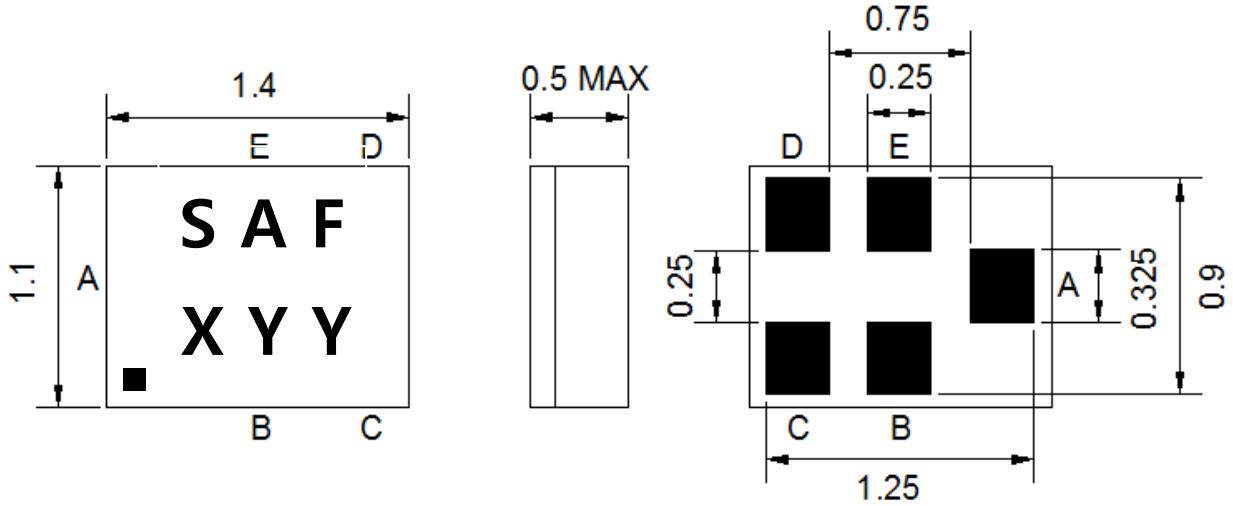
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended)	Ω	-	50	-
Load Impedance (single ended)	Ω	-	50	-
Package type & size	C26			
Length x Width	mm ²	-	1.4 x 1.1	-
Height	mm	-	-	0.5

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1880	-
Insertion Loss within 1850.6 ~ 1909.4 MHz	dB	-	2.4	3.8
Amplitude Ripple within 1850.6 ~ 1909.4 MHz	dB _{p-p}	-	1.3	2.7
VSWR within 1850.6 ~ 1909.4 MHz	-	-	2.0	2.5
Attenuation:				
DC ~ 1570.0 MHz	dB	20	25	-
1570.0 ~ 1580.0 MHz	dB	24	30	-
1580.0 ~ 1770.0 MHz	dB	24	30	-
1770.0 ~ 1829.4 MHz	dB	10	23	-
1930.6 ~ 1989.4 MHz	dB	27	35	-
1989.4 ~ 3000.0 MHz	dB	23	32	-
3000.0 ~ 4000.0 MHz	dB	14	21	-
4000.0 ~ 6000.0 MHz	dB	4	9	-

Notes : (1) No Matching Network .

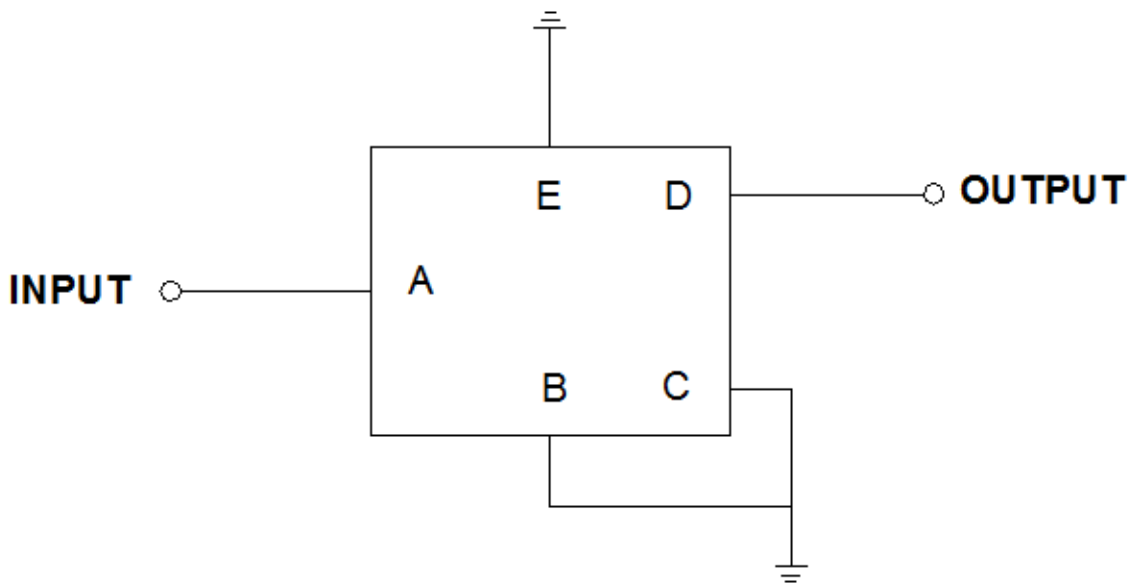
Package Dimensions



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

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

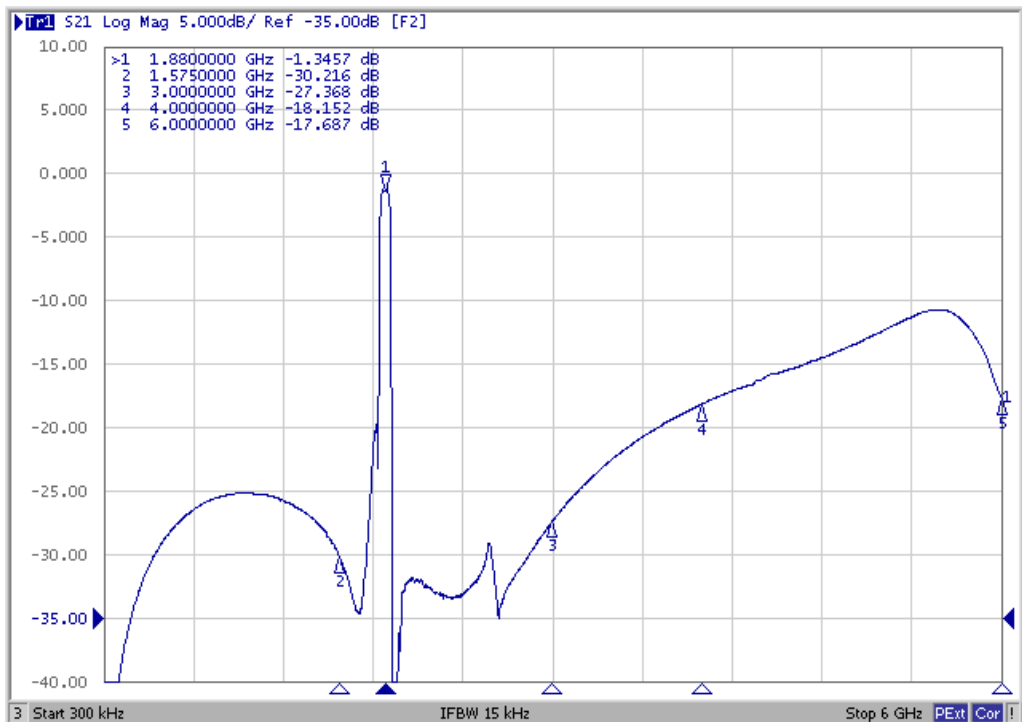
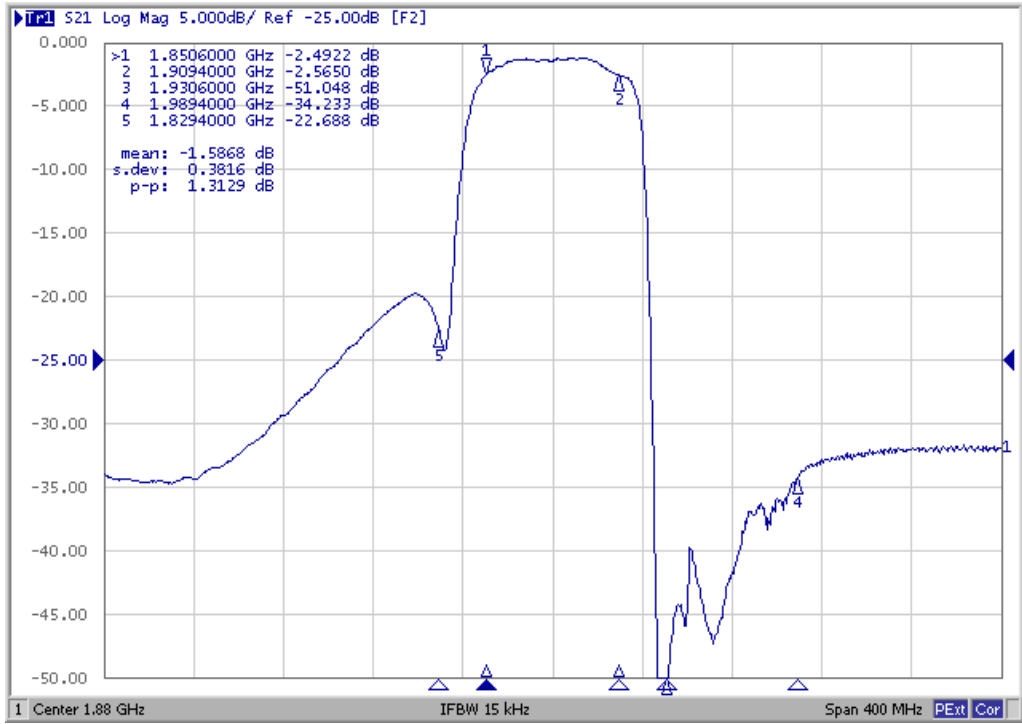
Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response

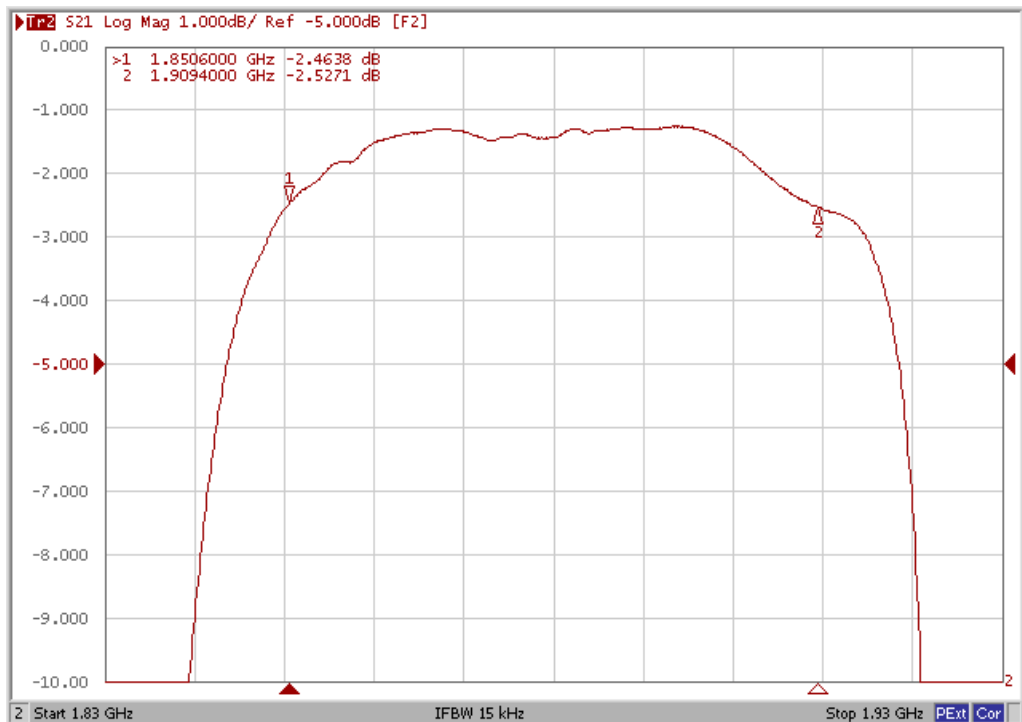




VSWR



Ripple





Smith Chart

