



Total Solution Provider in Saw Device

SF-092505-C28

ISM-Band, RF SAW Filter
Revision 0: May 2017

MSL 3 Device



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

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□ Electrical Characteristics

Maximum Ratings

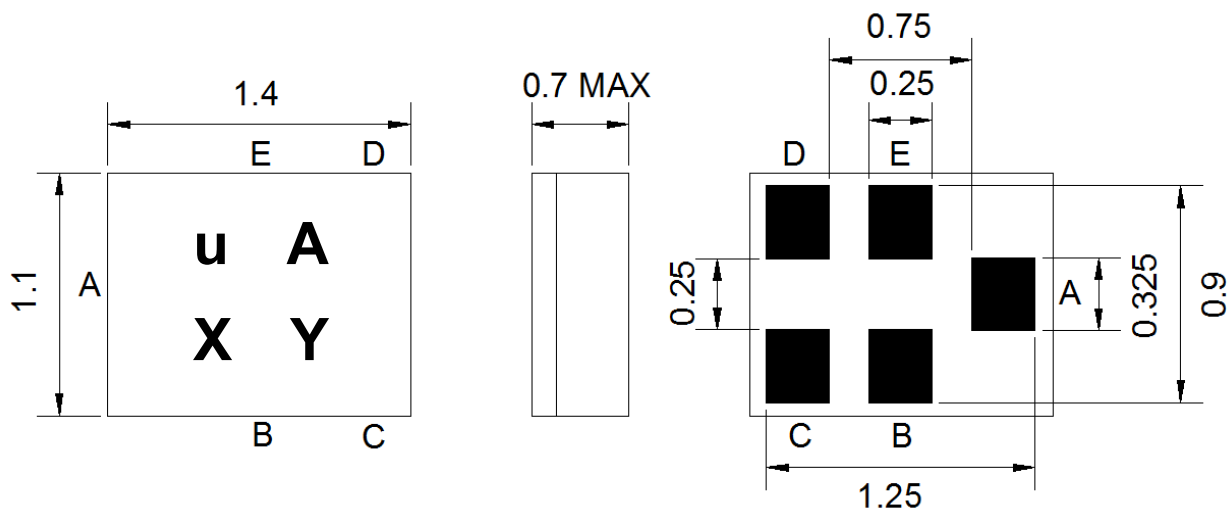
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	13
Source Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Load Impedance (unbalanced) ⁽¹⁾	Ω	-	50	-
Package type & size	C28			
Length x Width	-	-	1.4 x 1.1	-
Height	mm	-	-	0.7

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	925.2	-
Insertion Loss within 922.3 ~ 928.1 MHz	dB	-	2.5	3.5
Amplitude Ripple within 922.3 ~ 928.1 MHz	dB _{p-p}	-	0.6	1.5
Attenuation:				
10.0 ~ 815.0 MHz	dB	30	35	-
815.0 ~ 875.0 MHz	dB	30	35	
875.0 ~ 905.0 MHz	dB	30	35	
905.0 ~ 912.0 MHz	dB	15	20	
945.0 ~ 950.0 MHz	dB	35	40	
950.0 ~ 1150.0 MHz	dB	35	40	-
1150.0 ~ 1856.0 MHz	dB	30	35	-
1856.0 ~ 2500.0 MHz	dB	26	30	-
Input VSWR within 922.3 ~ 928.1 MHz	-	-	1.4	2.0
Output VSWR within 922.3 ~ 928.1 MHz	-	-	1.4	2.0

Notes : (1)No Matching Network (Ref. Testing Environment Circuit as shown below).

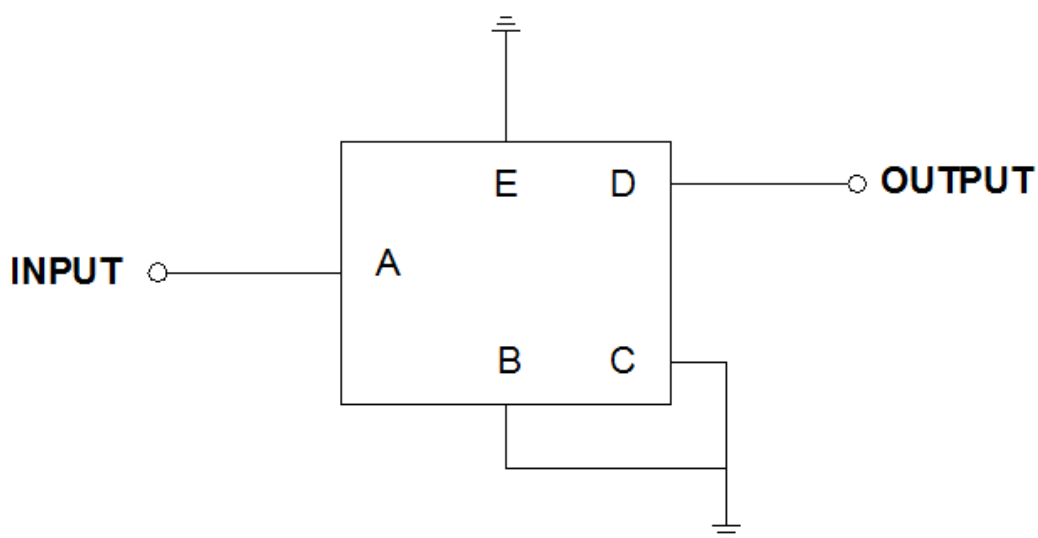
Package Dimensions



Marking Descriptions	
u	ISM-Band Application
A	Series Number
X	Date Code(Year)
Y	Date Code(Month)

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

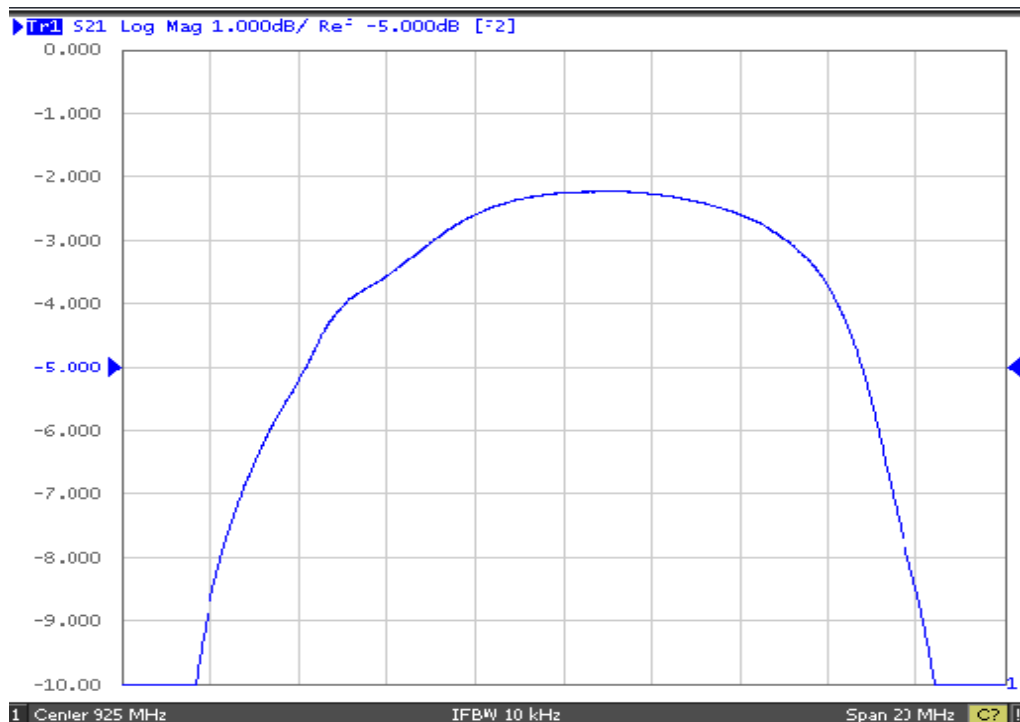
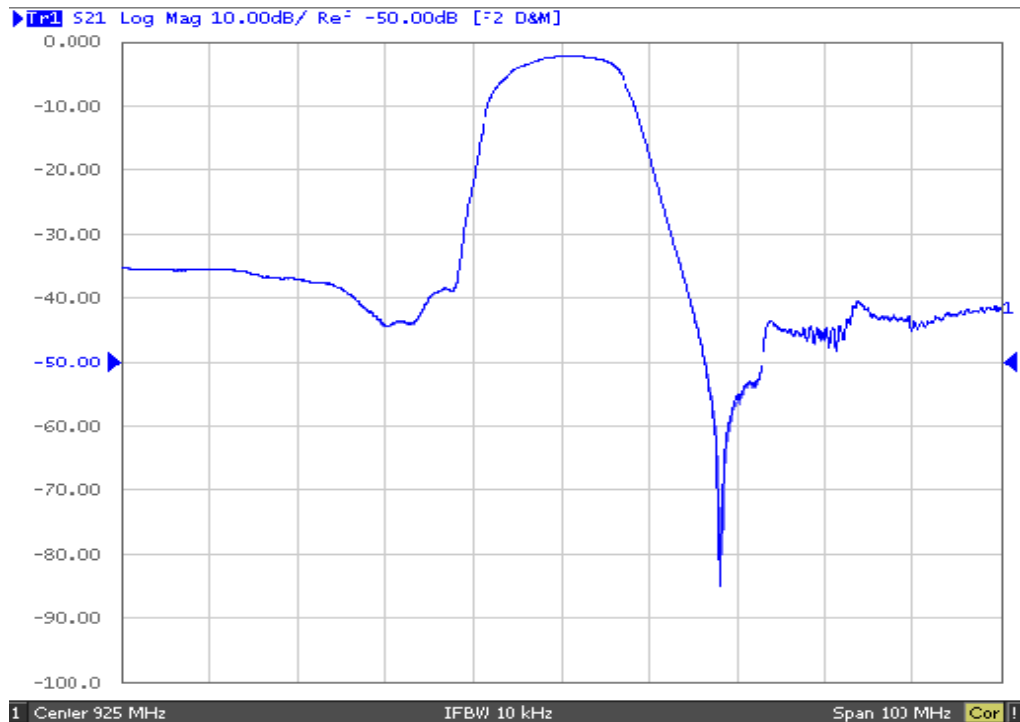
Testing Environment



Source & Load Impedance: 50 Ω

□ Frequency Characteristics

Frequency Response



Wide



Smith

