

PRELIMINARY SPECIFICATION

COMMERCIALY AVAILABLE

SAW FILTER
PART NUMBER: SF1323030
RoHS

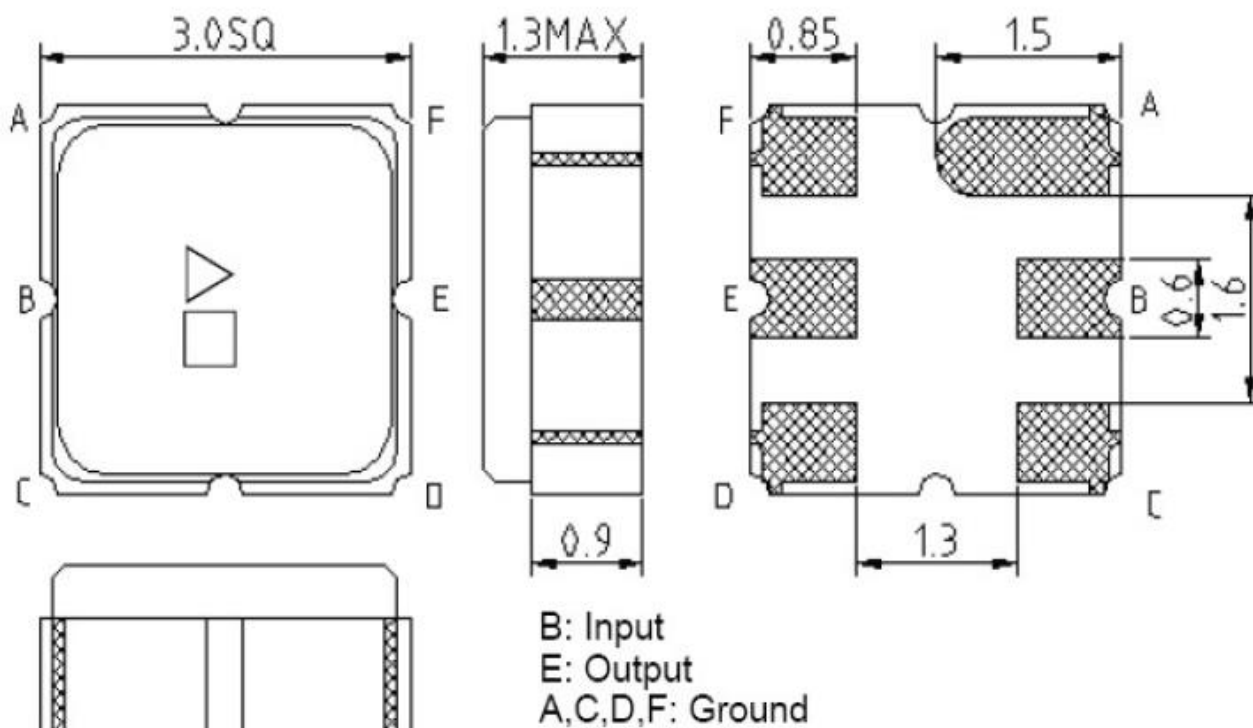
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
10/15/2021 ^(ASM)			

FILTRONETICS Inc

1. Electrical Specifications:

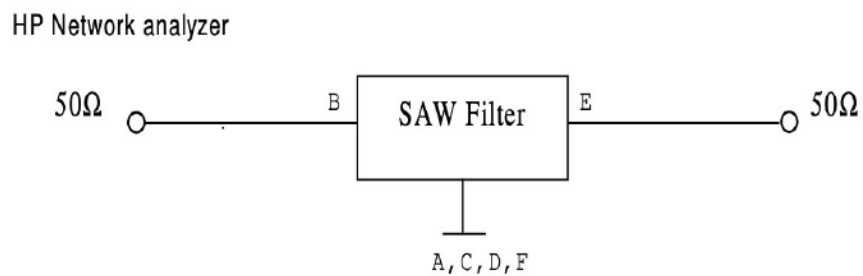
Index	Unit	Min	Typical	Max
Center Frequency Fc	MHz	-	1323	-
Insertion Loss (1308 ~ 1338 MHz) IL	dB	-	1.9	2.8
VSWR (1308 ~ 1338 MHz)	-	-	1.4	1.8
Amplitude Ripple (1308 ~ 1338 MHz) P-P	dB	-	0.22	0.5
Group Delay (1308 ~ 1338 MHz)	nsec	-	30	-
Group Delay Ripple (1308 ~ 1338 MHz) P-P	nsec	-	15.6	-
Attenuation (reference from 0 dB)				
1000 ~ 1200 MHz	dB	30	38	-
1200 ~ 1275 MHz	dB	35	40	-
1355 ~ 1365 MHz	dB	33	38	-
1365 ~ 1600 MHz	dB	35	42	-
Input Power Level	dBm	-	-	5
DC Voltage	V	-	-	3
Moisture Sensitivity Level	-	-	MSL 1	-
Operating Temperature	°C	- 40	-	+ 85
Storage Temperature	°C	- 40	-	+ 95

2. Dimensions:



Marking:
Too small for marking

3. Measurement Circuit:



Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

4. Theoretical Response:

