

# SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW BAND PASS  
PART NUMBER: SF1842075A  
RoHS

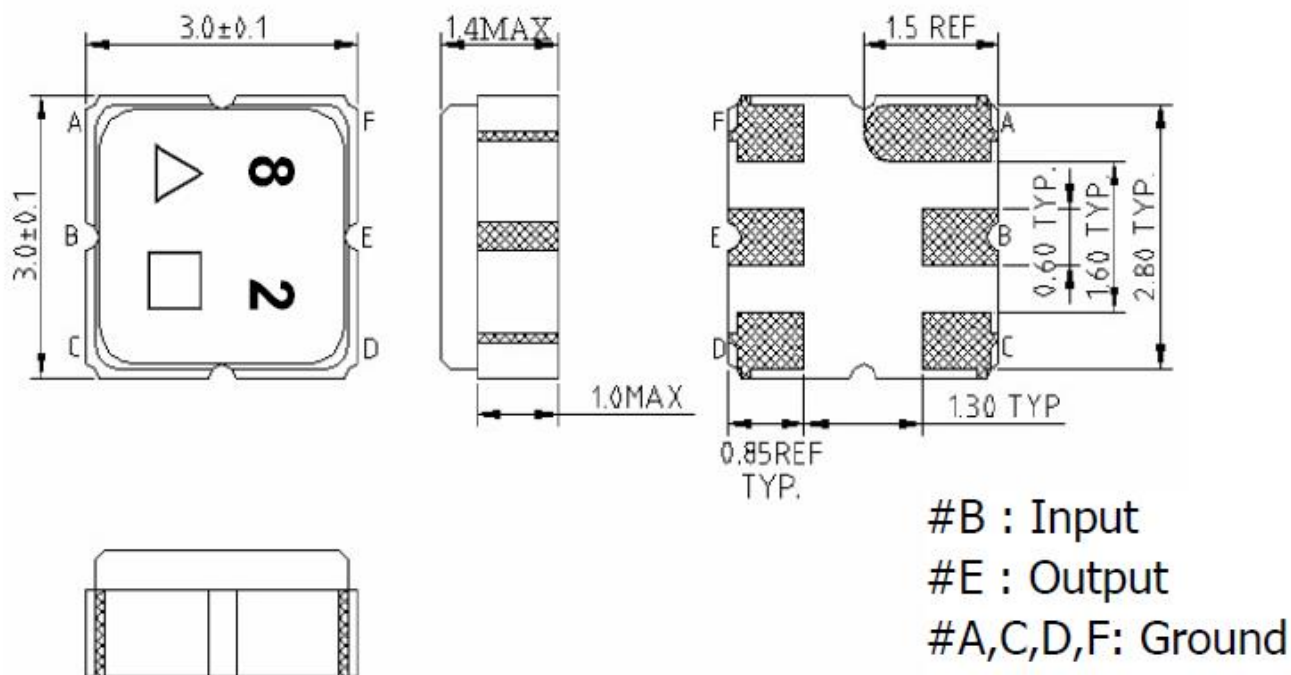
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
09/25/2019 <sup>(ASM)</sup>			

**FILTRONETICS Inc**

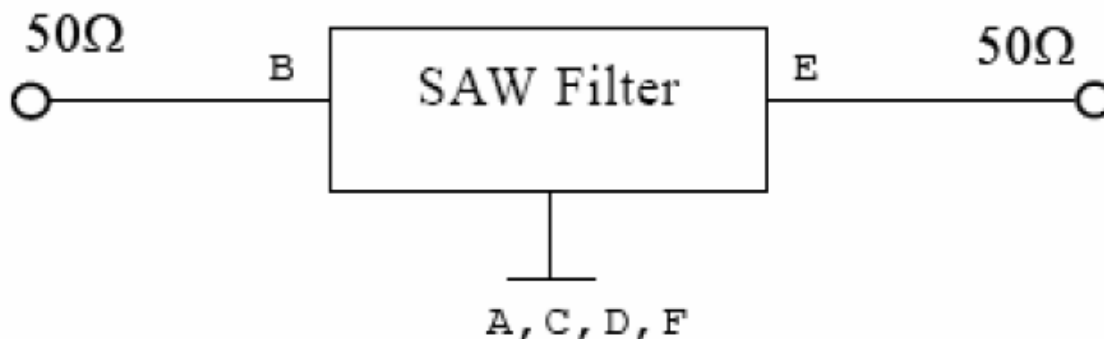
**1. Electrical Specifications:**

Index		Unit	Min	Typical	Max
Center Frequency		MHz	-	1842.5	-
Insertion Loss		dB	-	2.2	3.8
Bandwidth		MHz	-	75	-
Amplitude Ripple		dB	-	1.3	2.3
VSWR		-	-	1.9	2.6
Attenuation: (Reference level from 0 dB)	DC – 1500 MHz	dB	20	24.5	-
	1600 – 1710 MHz	dB	22	25	-
	1710 – 1785 MHz	dB	10	23.5	-
	1920 – 3120 MHz	dB	25	28	-
	3120 – 4000 MHz	dB	17	30	-
Source / Load Impedance		$\Omega$	50/50		
DC Voltage		V	-	-	0
Input Power Level		dBm	-	-	20
Operating Temperature		°C	-30	-	85
Storage Temperature		°C	-40	-	85
Package		mm	3.0 x 3.0 x 1.4		

2. Dimension:



HP Network analyzer



Source / Load Impedance =  $50\Omega$

Ambient Temperature =  $25^\circ\text{C}$

3. Typical Performance:

