



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1960 MHz US-PCS, Rx Balanced RF Saw Filter

Part Number: AM1960S397

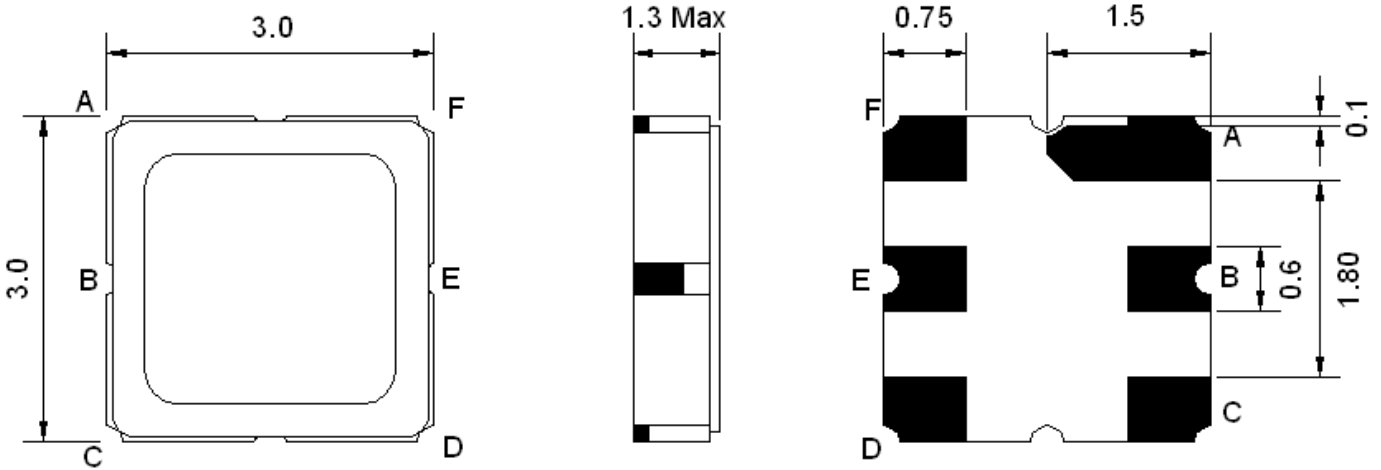


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1960	-
Insertion Loss within 1930 ~ 1990 MHz	dB	-	3.6	4.5
Amplitude Ripple within 1930 ~ 1990 MHz	dB _{p-p}	-	1.2	1.8
Attenuation:				
DC ~ 1000 MHz	dB	35	40	-
1000 ~ 1830 MHz	dB	35	40	-
1830 ~ 1850 MHz	dB	30	40	-
1850 ~ 1900 MHz	dB	10	18	-
1900 ~ 1910 MHz	dB	8	14	-
2020 ~ 2060 MHz	dB	20	26	-
2060 ~ 2200 MHz	dB	20	26	-
2200 ~ 2260 MHz	dB	30	38	-
2260 ~ 4500 MHz	dB	20	25	-
4500 ~ 6000 MHz	dB	15	25	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	0
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Balanced Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		M3	



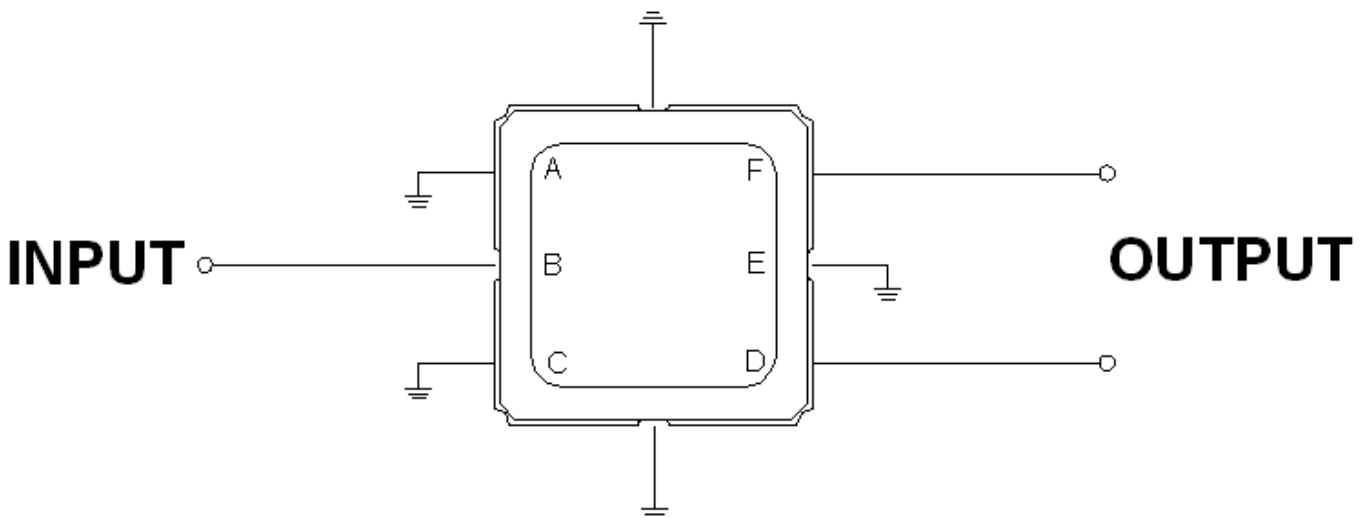
Outline Drawing:



Pin Description:

Ground – A C E
Input – B
Output – D F

Testing Environment:



Source/Load Impedance: 50 Ω



Response Plot:

