



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1575 MHz GPS RF Saw Filter

Part Number: AM1575S360

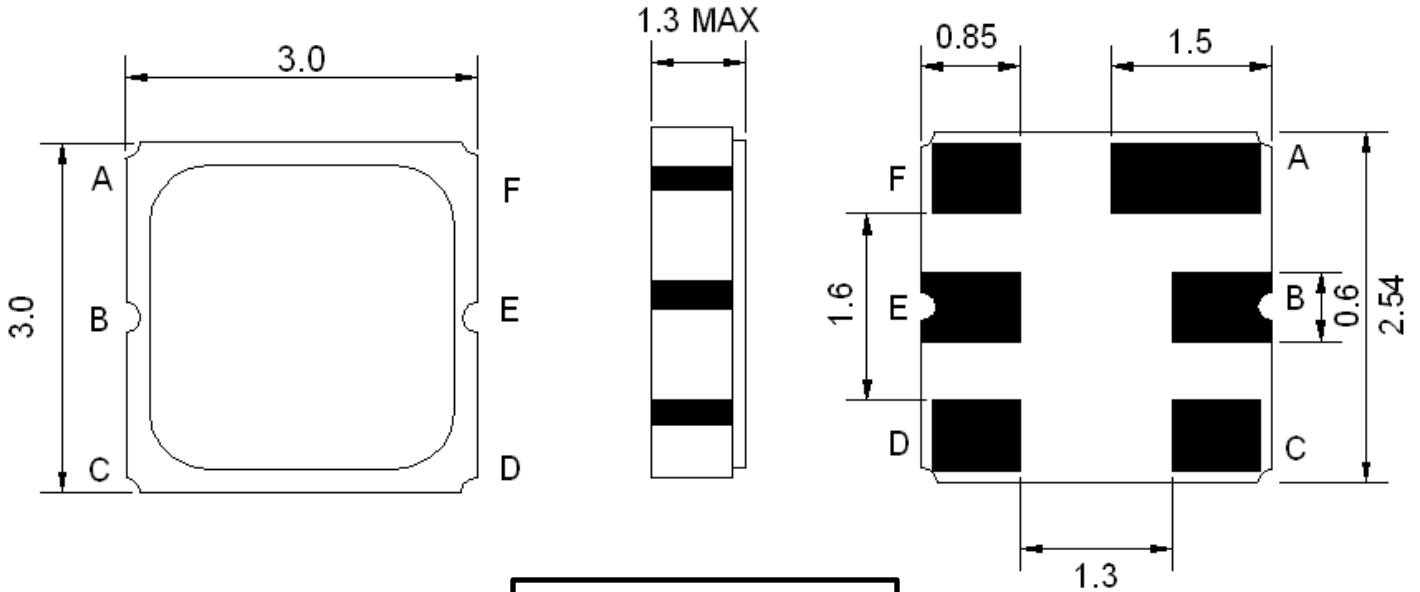


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1575.42	-
Insertion Loss within 1565 ~ 1585 MHz	dB	-	2.1	2.8
Amplitude Ripple within 1565 ~ 1585 MHz	dBp-p	-	0.5	2.0
VSWR within 1565 ~ 1585 MHz	-	-	1.7	2.0
Stop Band Attenuation:				
DC ~ 600 MHz	dB	30	32	-
600 ~ 1500 MHz	dB	27	30	-
1500 ~ 1525 MHz	dB	20	35	-
1625 ~ 1675 MHz	dB	20	35	-
1675 ~ 3000 MHz	dB	30	35	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-25	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm		B2	

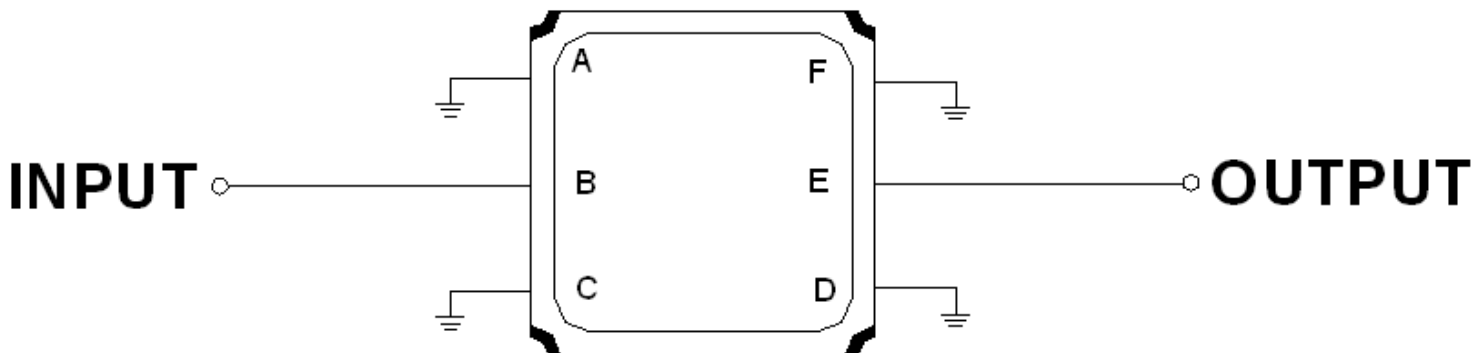


Outline Drawing:



Pin Description:
 Ground – A C D F
 Input – B
 Output – E

Testing Environment:



Source/Load Impedance: 50 Ω