

● **SAW Filter 1575.42 MHz for GPS** AGSD-1575-2025

- **Maximum Rating:**

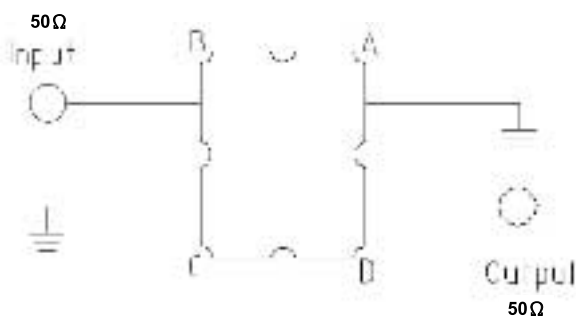
1. Maximum Input Signal Level: +10 dBm
2. Maximum DC Voltage: 5 V
3. Operating Temperature: -40°C ~ +85°C
4. Storage Temperature: -50°C ~ +100°C

- **Electrical Characteristics:**

Item	Unit	Min.	Type.	Max.
Center frequency Fc	(dB)	-	1575.42	-
Insertion loss within Fc +/- 1 MHz IL	(dB)	-	2.7	3.5
Amplitude ripple (p-p) within Fc +/- 1 MHz	(dB)	-	0.07	1.0
Attenuation (Reference level from 0 dB)				
1475.42 MHz	(dB)	35.0	40	-
1535.42 MHz	(dB)	30.0	37	-
1615.42 MHz	(dB)	30.0	60	-
1675.42 MHz	(dB)	40.0	62	-
VSWR within Fc +/- 1 MHz		-	1.3	2.0
Source impedance Z _s	Ω	-	50	-
Load impedance Z _L	Ω	-	50	-

Note1. No matching network required for operation at $50\ \Omega$

Measurement Circuit



Outline Drawing

