

## SA1575GL      GPS RF SAW Filter

### Specifications

PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1575.42	-
Insertion Loss within 1574.42~1576.42	dB	-	1.7	2.2
Source Impedance (single ended) <sup>1</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>1</sup>	Ω	-	50	-
Operating Temperature range	°C	-40	-	+85
Amplitude Ripple within 1574.42~1576.42 MHz	dB <sub>p-p</sub>	-	0.3	1.0
Attenuation	dB			
D.C. ~ 1400 MHz	dB	35	37	-
1400 ~ 1475 MHz	dB	30	34	-
1475 ~ 1525 MHz	dB	25	32	-
1625 ~ 1640 MHz	dB	30	41	-
1640 ~ 2000 MHz	dB	30	34	-
2000 ~ 3000 MHz	dB	20	25	-
VSWR within 1574.42 ~ 1576.42 MHz	-	-	1.2	2.0
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	20
Package type & size		-	M	
Length x width	mm <sup>2</sup>	-	2.5 x 2.0	-
Height	mm	-	-	1.0

Notes:(1) No Matching Network (Ref. Testing Environment Circuit as shown below)

- Please consult us for customized specifications.
- All specifications and marking subjected to change without notice.