

SA1575GJ 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) ¹	Ω	-	50	-
Load Impedance (single ended) ¹	Ω	-	50	-
Operating Temperature range	°C	-40	-	+85
Amplitude Ripple within 1574.42~1576.42 MHz	dB _{p-p}	-	0.1	1.0
Attenuation	dB			
D.C. ~ 1400 MHz	dB	35	37	-
1400 ~ 1475 MHz	dB	35	38	-
1475 ~ 1525 MHz	dB	30	35	-
1625 ~ 1640 MHz	dB	40	55	-
1640 ~ 2000 MHz	dB	35	40	-
2000 ~ 3000 MHz	dB	25	29	-
VSWR within 1574.42 ~ 1576.42 MHz	-	-	1.15	2.0
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	10
Package type & size		-	J	
Length x width	mm ²	-	2.0x 1.6	-
Height	mm	-	-	0.68

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.