

Scope

This specification shall cover the characteristics of SAW filter SF279 with 279.9625 MHz.

SF279

Absolute Maximum Rating (Ta=25°C)

Parameter	Rating	Unit
CW RF Power Dissipation	+ 0	dBm
DC Voltage V _{DC}	± 10	V
Operating Temperature Range	-10 ~ +60	°C
Storage Temperature Range	-45 ~ +85	°C

Specifications

Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency (25°C)	f _c	NS	279.9625	NS	MHz
Insertion Loss f _c ± 75KHz	IL	-	-	4.5	dB
Passband Ripple	-	-	-	1.5	dB
3dB Passband	BW ₃	-	210	240	KHz
20dB Bandwidth	BW ₂₀	-	400	-	KHz
40dB Bandwidth	BW ₄₀	-	-	650	KHz
Rejection f _c ± 4.0MHz	-	45	-	-	dB
DC Insulation Resistance Between any Two Pins	-	10	-	-	MΩ

NS = Not Specified

Notes

Package Outline (F-11)

1. Static voltage

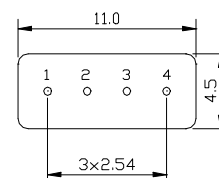
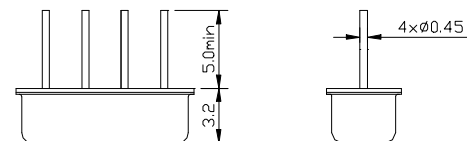
Static voltage between signal load & ground may cause deterioration & destruction of the component. Please avoid static voltage.

2. Ultrasonic cleaning

Ultrasonic vibration may cause deterioration & destruction of the component. Please avoid ultrasonic cleaning.

3. Soldering

Only leads of component may be solder. Please avoid soldering another part of component.



Pin	Connection
1	Input
2	Ground
3	Ground
4	Output

All dimensions are in mm