

Scope

This specification shall cover the characteristics of SAW filter SF254 with 254.4125 MHz.

SF254

Absolute Maximum Rating (Ta=25°C)		
Parameter	Rating	Unit
CW RF Power Dissipation	+ 0	dBm
DC Voltage Vdc	± 15	V
Operating Temperature Range	-10 ~ +50	°C
Storage Temperature Range	-45 ~ +85	°C

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency (25°C)	fc	NS	254.4125	NS	MHz
3dB Passband	BW ₃	-	±0.5625	-	MHz
Insertion Loss at Passband	IL	-	-	3.0	dB
Attenuation	fc – 41.4375MHz ~ fc – 44.4375MHz	-	57	-	dB
	fc + 41.4375MHz ~ fc + 44.4375MHz	-	57	-	dB
Terminating Impedance	-	-	50	-	Ω
DC Insulation Resistance Between any Two Pins	-	10	-	-	MΩ

NS = Not Specified

Notes	Package Outline (F-11)
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1. Static voltage

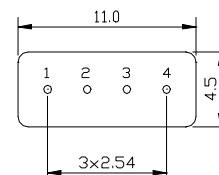
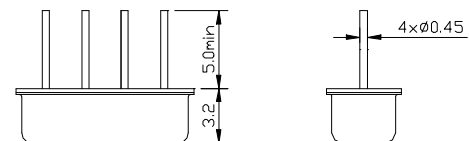
Static voltage between signal load & ground may cause deterioration & destruction of the component. Please avoid static voltage.

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