

Scope

This specification shall cover the characteristics of SAW filter with SF451 at 456.570 MHz used for wireless transmission system.

SF456

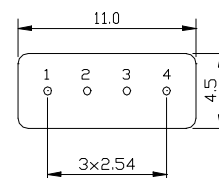
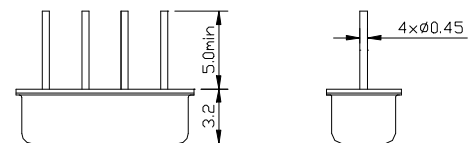
Absolute Maximum Rating (Ta=25°C)		
Parameter	Rating	Unit
CW RF Power Dissipation	+ 0	dBm
DC Voltage VDC	10	V
Operating Temperature Range	-10 ~ +60	°C
Storage Temperature Range	-45 ~ +85	°C

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency (25°C)	fc	NS	456.570	NS	MHz
3dB Passband	BW3	-	450	-	KHz
Insertion Loss at Passband	IL	-	-	5.0	dB
Passband Ripple	-	-	-	1.0	dB
Rejection 456.44MHz ~ 456.70MHz	-	45	-	-	dB
fc -21.4KHz ~ fc - 130KHz	-	40	-	-	dB
Out of Band Rejection	-	45	-	-	dB
DC Insulation Resistance Between any Two Pins	-	10	-	-	MΩ

NS = Not Specified

Notes	Package Outline (F-11)
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- Static voltage
Static voltage between signal load & ground may cause deterioration & destruction of the component. Please avoid static voltage.
- Ultrasonic cleaning
Ultrasonic vibration may cause deterioration & destruction of the component. Please avoid ultrasonic cleaning.
- 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