

Scope

This specification shall cover the characteristics of IF SAW filter with SF446B used for the pager system.

SF446B

Absolute Maximum Rating (Ta=25°C)

Parameter	Rating	Unit
CW RF Power Dissipation	+ 0	dBm
DC Voltage Vdc	± 10	V
AC Voltage Vpp	10 (50Hz/60Hz)	V
Operating Temperature Range	-20 ~ +60	°C
Storage Temperature Range	-45 ~ +85	°C

Specifications

Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency (25°C)	fc	NS	446.000	NS	MHz
Insertion Loss fc ± 2.0 MHz	IL	-	-	4.0	dB
3dB Passband	BW3	-	±2.0	-	MHz
Passband Ripple	-	-	-	2.0	dB
Attenuation fc – 30.0MHz	-	50	-	-	dB
fc + 30.0MHz to fc + 200.0MHz	-	50	-	-	dB
Input/Output Impedance	-	-	150 0	-	Ω pF
DC Insulation Resistance Between any Two Pins (DC 10V)	-	10	-	-	MΩ

NS = Not Specified

Notes

Package Outline (F-11)

1. Static voltage

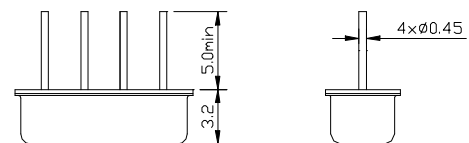
Static voltage between signal load & ground may cause deterioration & destruction of the component. Please avoid static voltage.

2. Ultrasonic cleaning

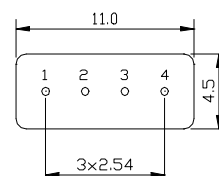
Ultrasonic vibration may cause deterioration & destruction of the component. Please avoid ultrasonic cleaning.

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