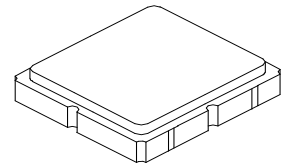


SF2682E

**2610 MHz
SAW Filter**



SM3030-6

MAXIMUM RATING:

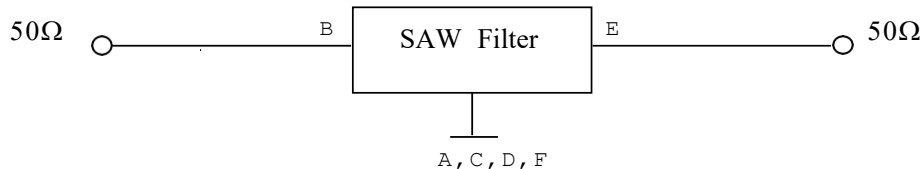
- Input Power Level: 10 dBm
- DC Voltage : 3V
- Operating Temperature: -30°C to +85°C
- Storage Temperature: -40°C to +95°C
- Moisture Sensitivity Level: 1

ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2610	-	-
Insertion Loss (2595 ~ 2625 MHz) IL	dB	-	2.9	3.5	-
Amplitude Ripple (2595 ~ 2625 MHz)	dB	-	0.8	2.2	-
Return Loss (2595 ~ 2625 MHz)	dB	9	21	-	-
Attenuation (Reference level from 0 dB)					
2100 ~ 2450 MHz	dB	35	44	-	-
2710 ~ 2840 MHz	dB	40	52	-	-
2840 ~ 3000 MHz	dB	35	48	-	-

MEASUREMENT CIRCUIT:

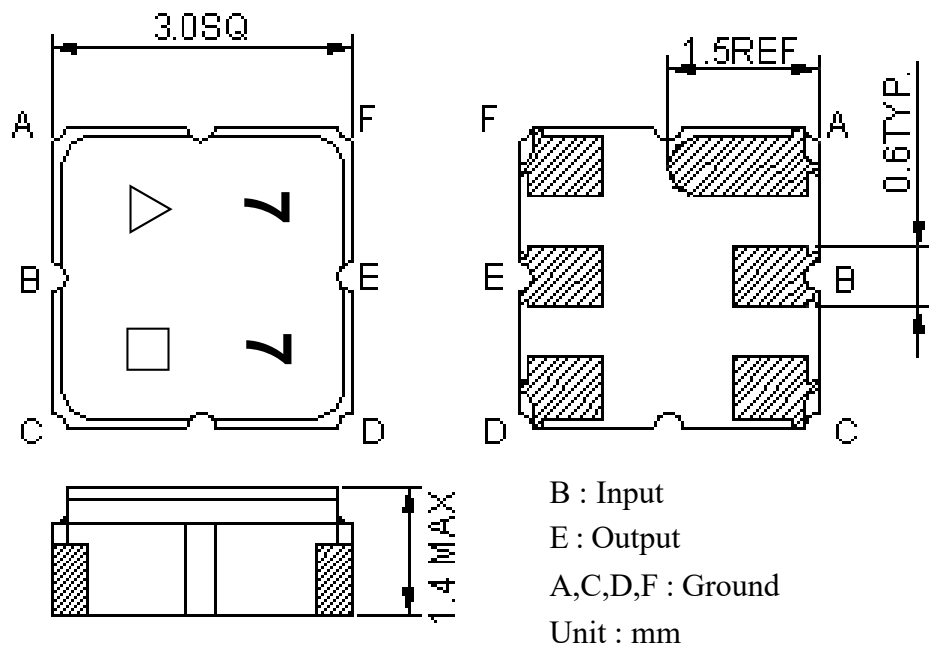
HP Network analyzer



CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.

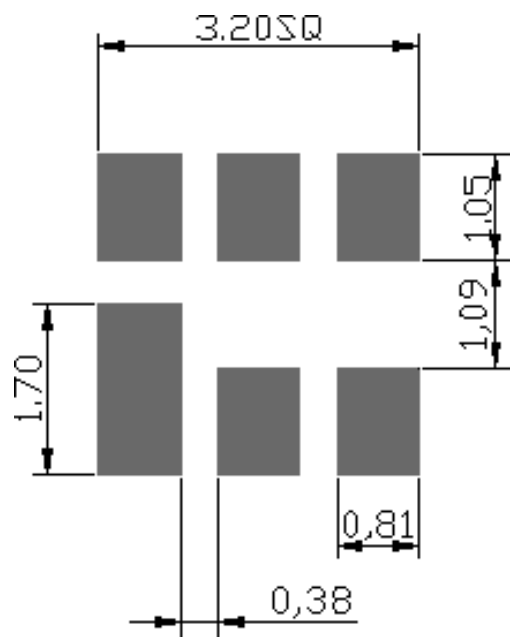
1. The design, manufacturing process, and specifications of this device are subject to change.
2. US or International patents may apply.
3. RoHS compliant from the first date of manufacture.

OUTLINE DRAWING:

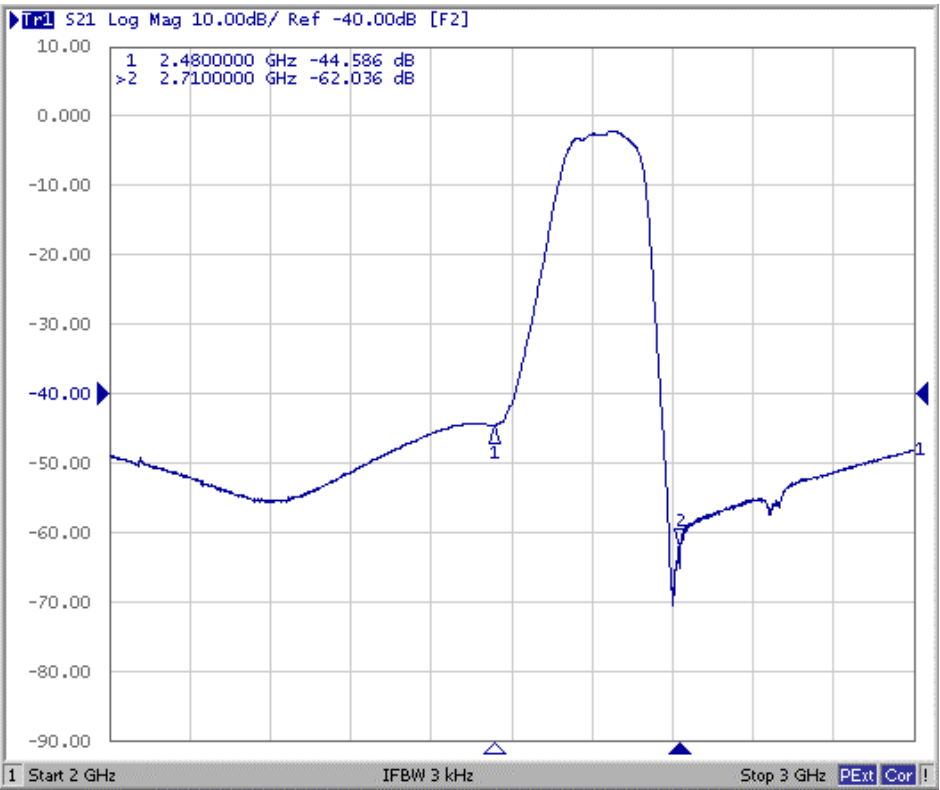
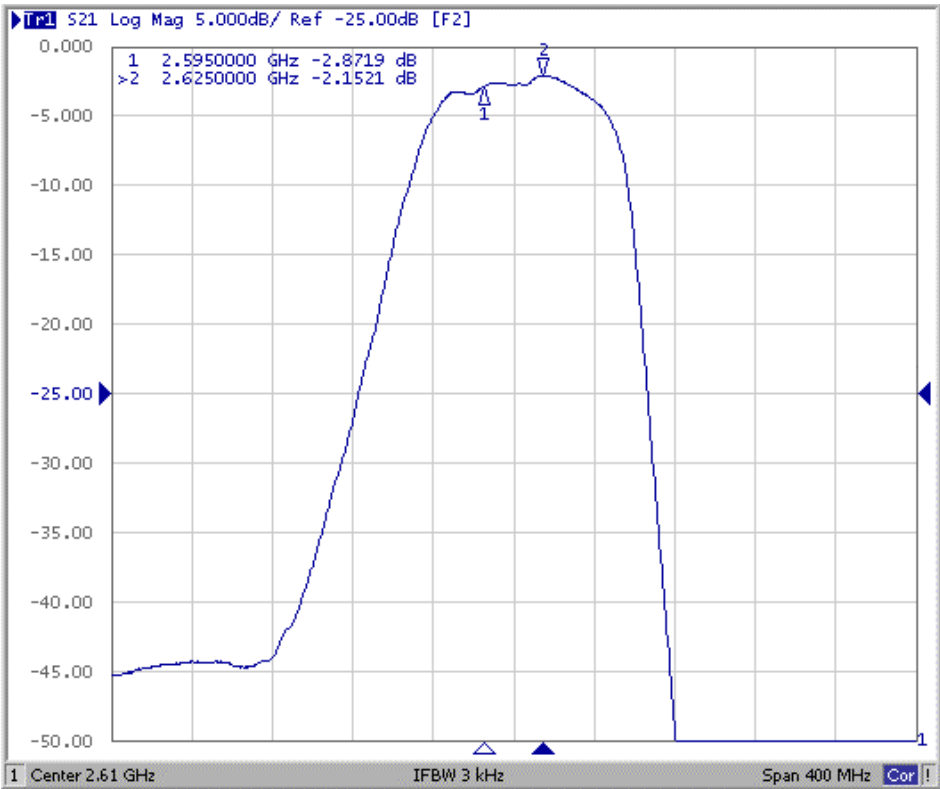


- △ : Year Code (2006->6, ..., 2009->9)
□ : Date Code (Follow the table from planner each year)

PCB Footprint:

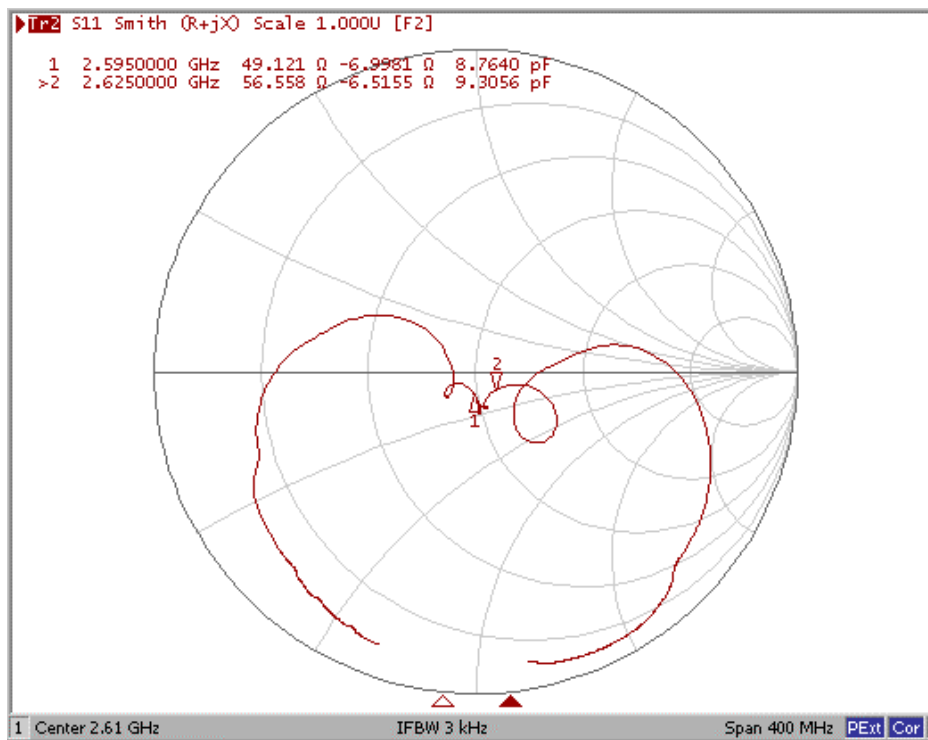
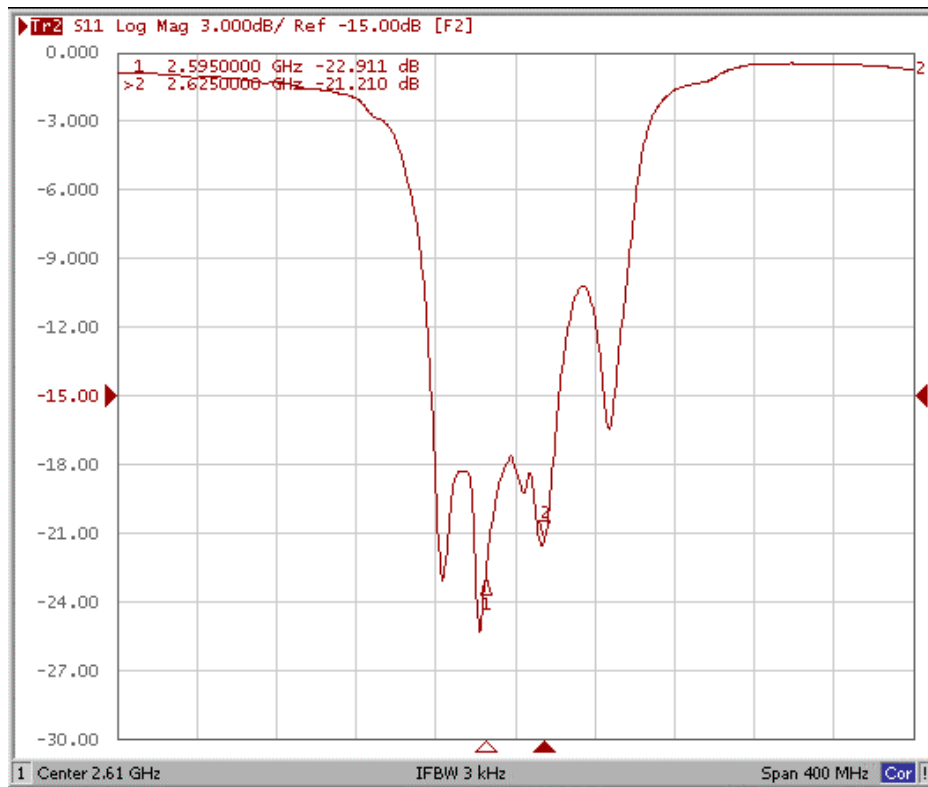


Frequency Characteristics :

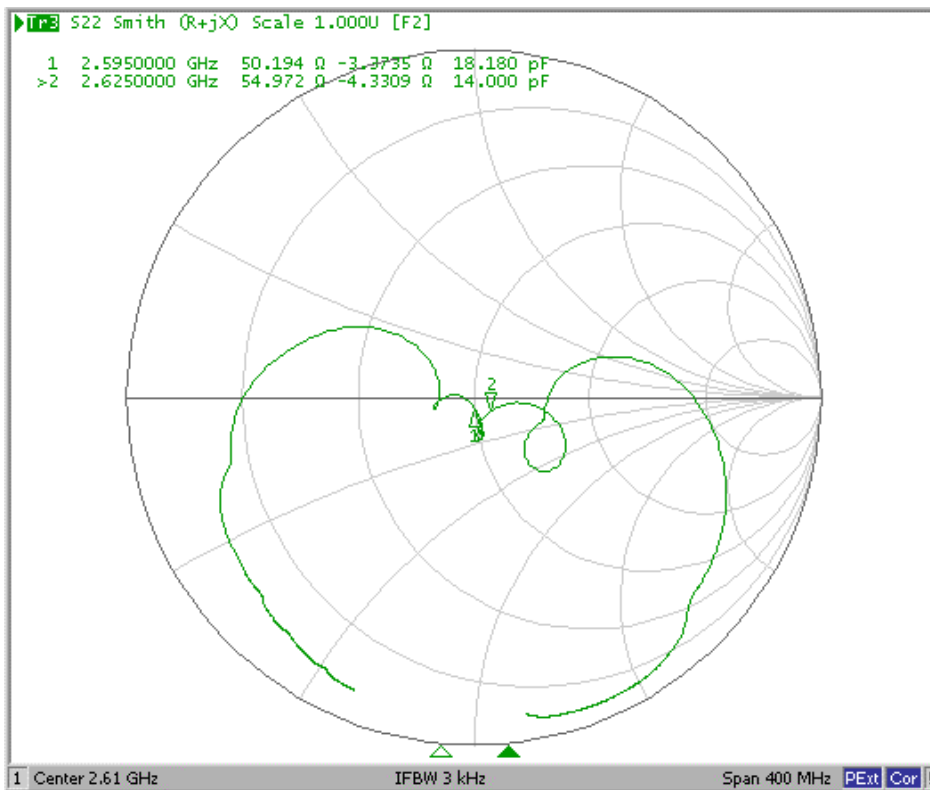
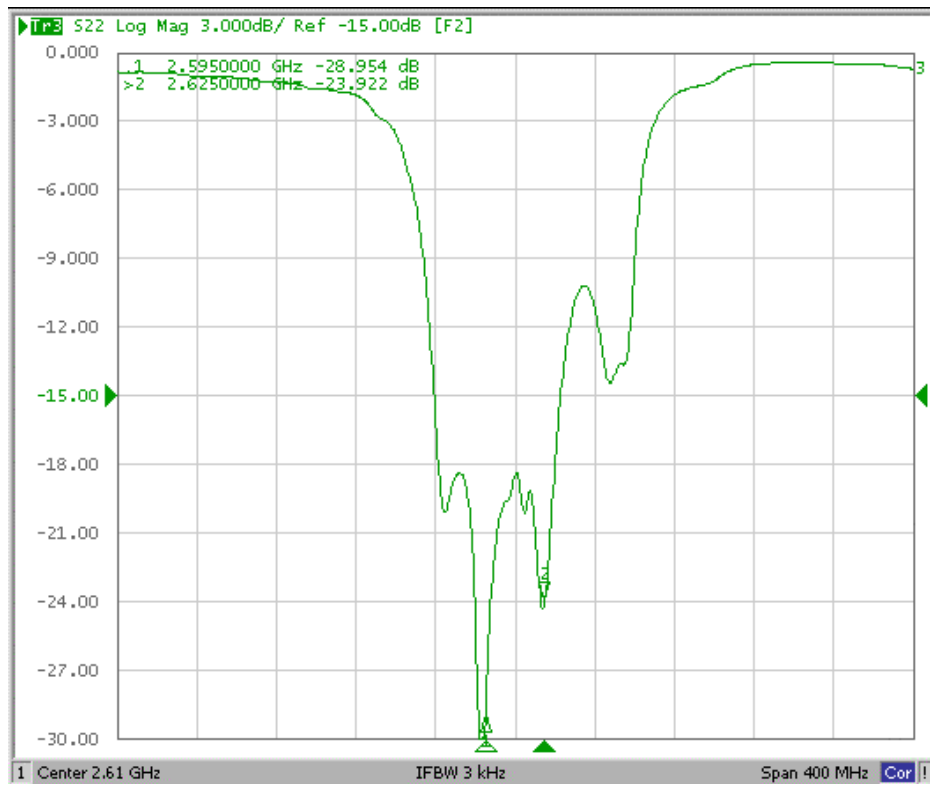


Reflection Functions :

S11



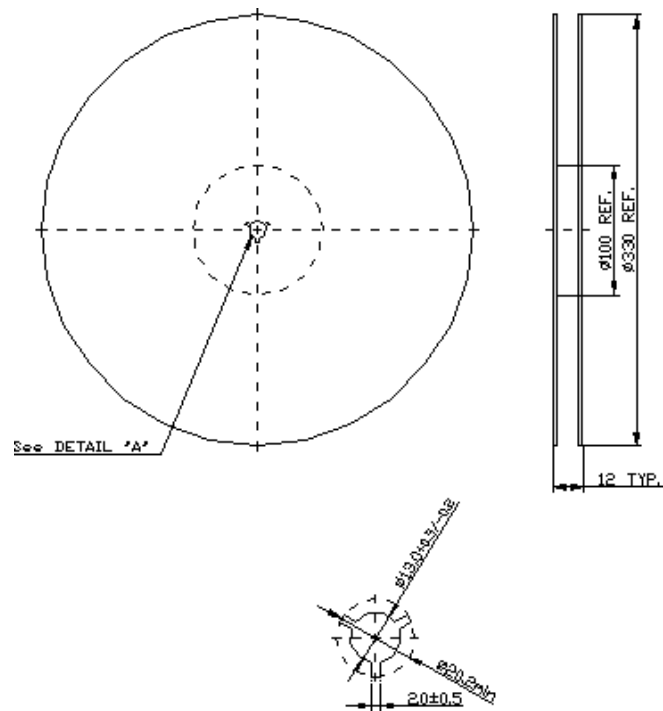
S22



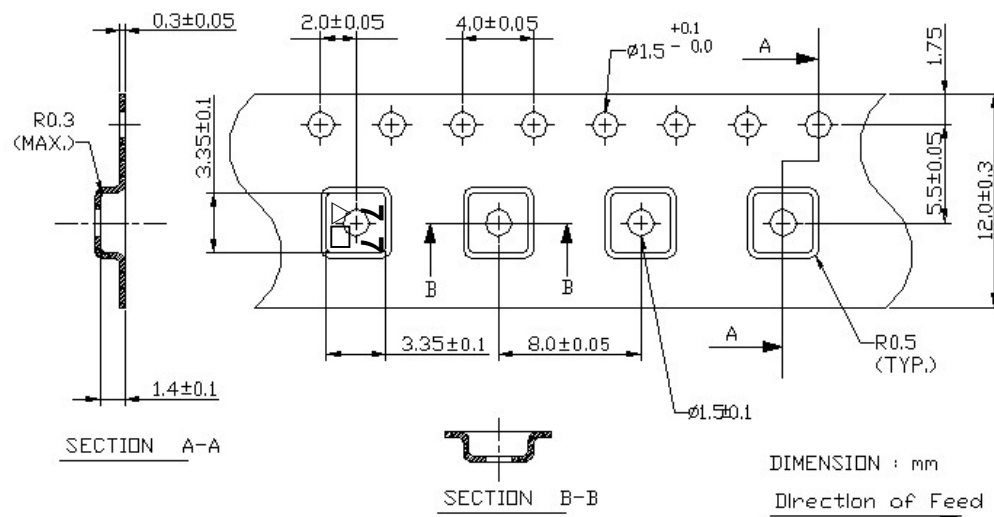
PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000)



2. TAPE DIMENSION



RECOMMENDED REFLOW PROFILE :

