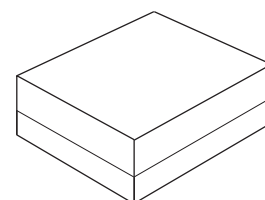


SF2736K

**1615.68 MHz
SAW Filter**



SM1411-5

Absolute Maximum Ratings

Rating	Value	Units
Input Power Level	10	dBm
DC Voltage	3	VDC
Specification Temperature Range	-40 to +85	°C
Storage Temperature Range	-40 to +85	°C
Moisture Sensitivity Level: 3		
Symbolization: $\frac{4}{\text{---}}$ Package size: SMD 1.4 x 1.1 mm		

Electrical Characteristics

Terminating source impedance (single): $Z_s = 50 \Omega$

Terminating load impedance (single): $Z_L = 50 \Omega$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	1615.68	-	-
Insertion Loss (1611.6~1619.76 MHz) IL	dB	-	2.2	3.0	-
Amplitude Ripple (1611.6~1619.76 MHz)	dB	-	0.3	2.0	-
Bandwidth @ -2dB	MHz	-	37.5	40	-
Attenuation (reference level from 0 dB)					
1215.68~1550 MHz	dB	30	42	-	-
1670~2015.68 MHz	dB	30	42	-	-
Temperature coefficient of frequency	ppm/k	-	-36	-	-

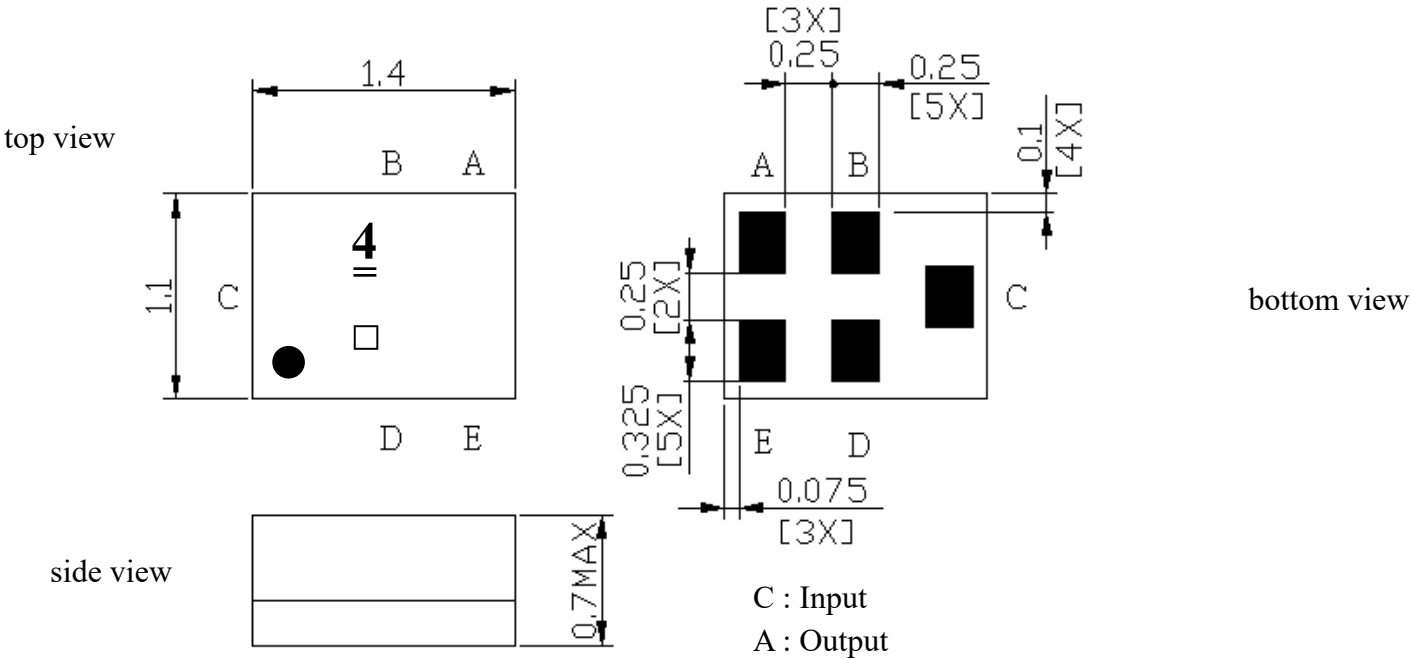


CAUTION: Electrostatic Sensitive Device. Observe precautions for handling.

NOTES:

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

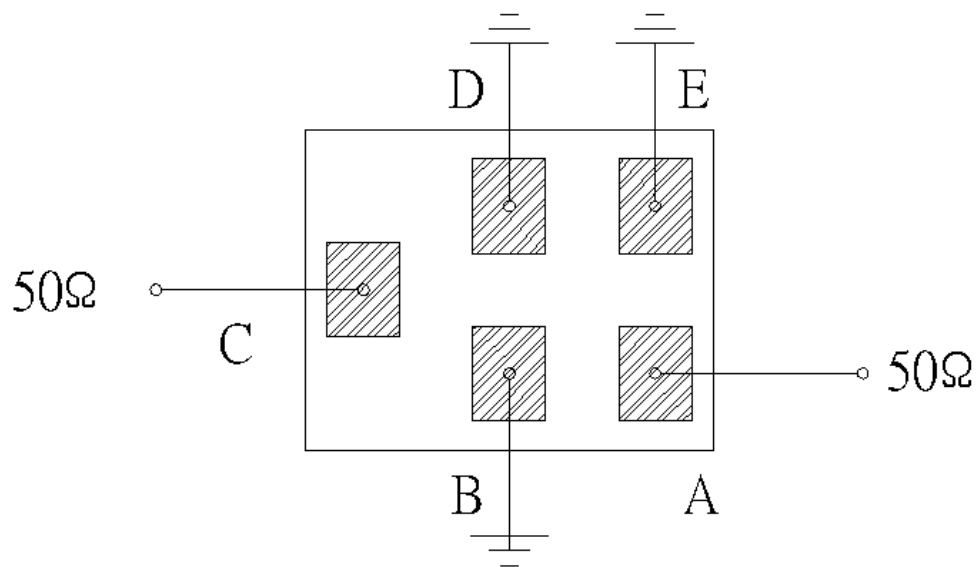


Marking:
4 (assigned by manufacturer)

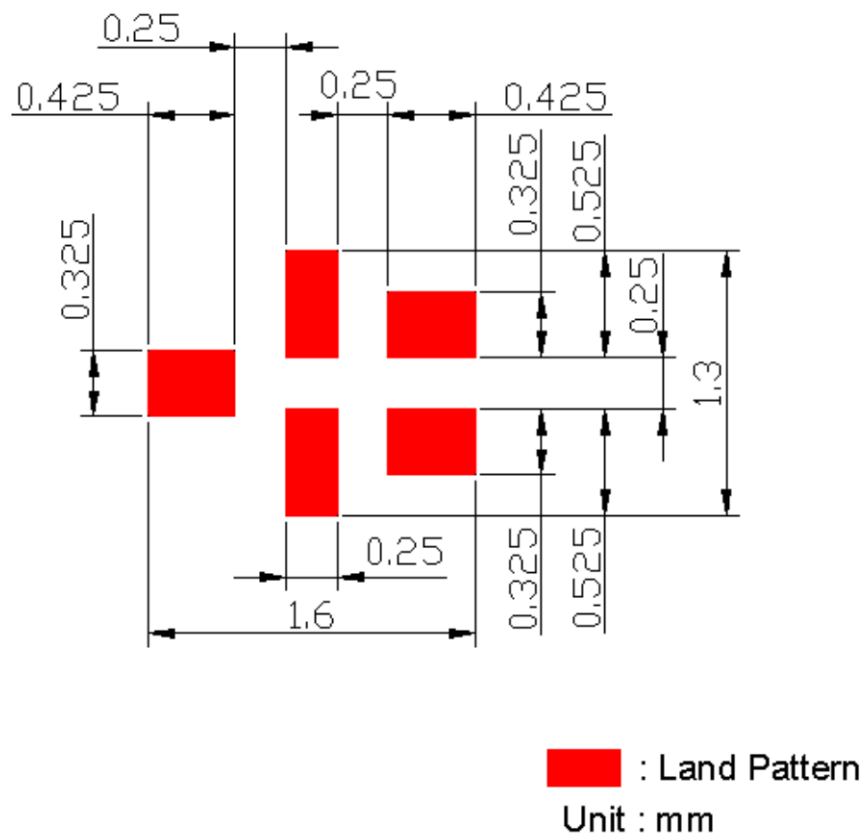
□ : Year/Month Code

C : Input
A : Output
B,D,E : Ground
Unit : mm

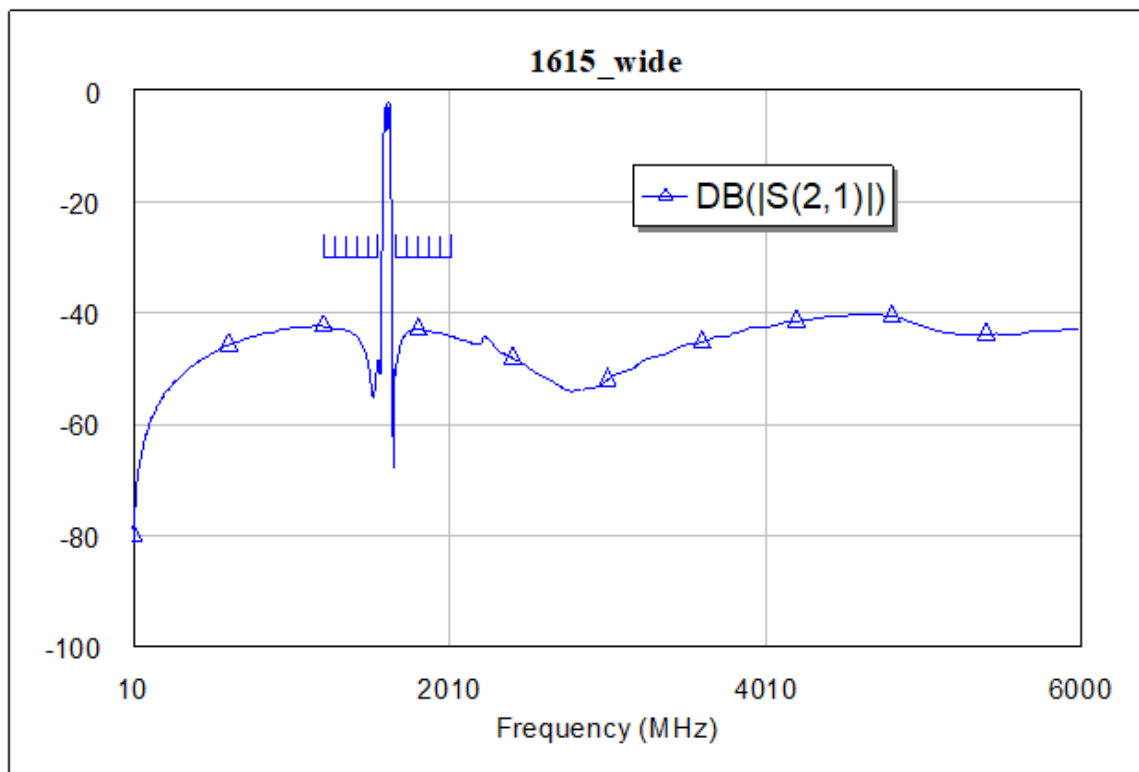
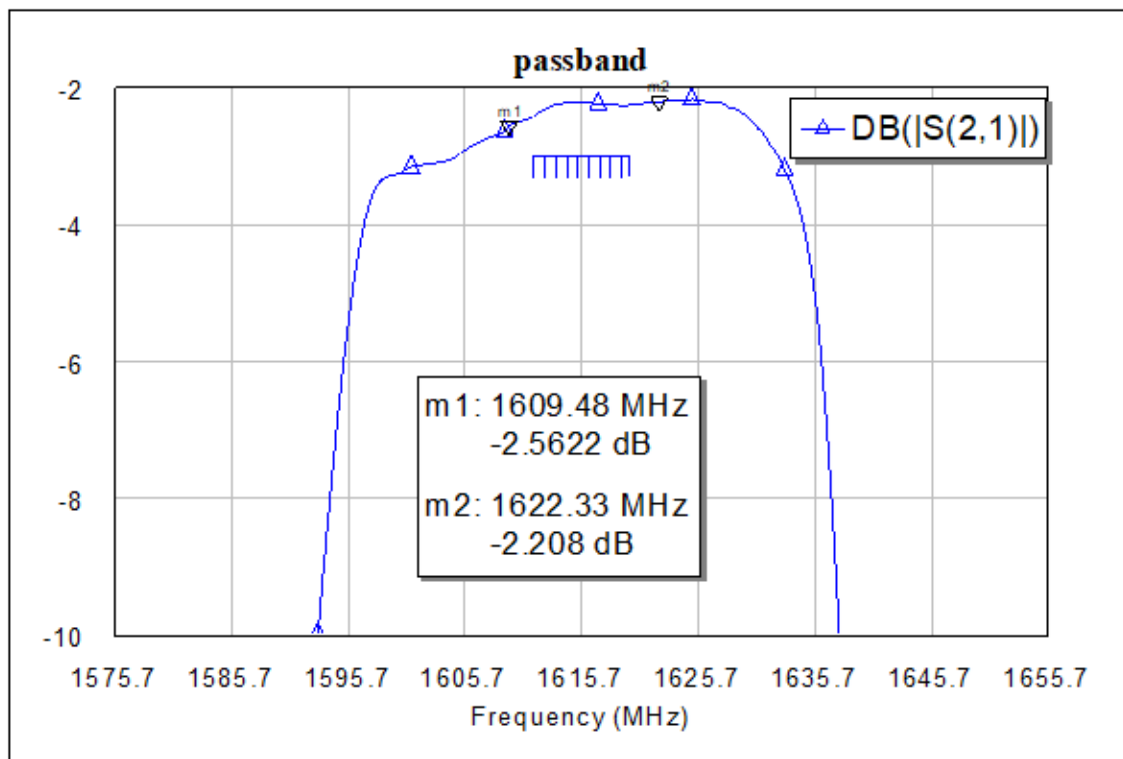
Measurement Circuit



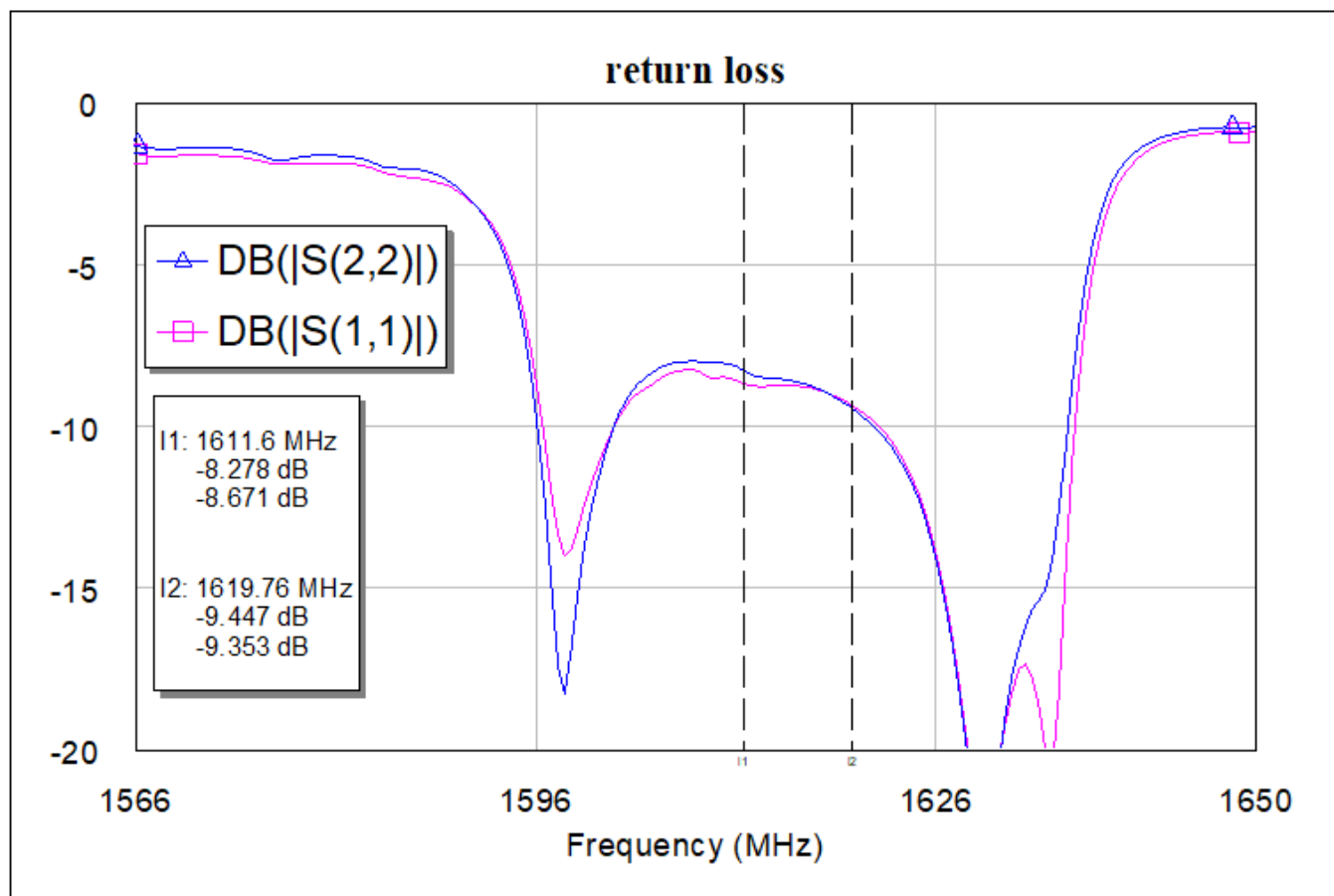
PCB Footprint



Frequency Characteristics



Reflection Functions :

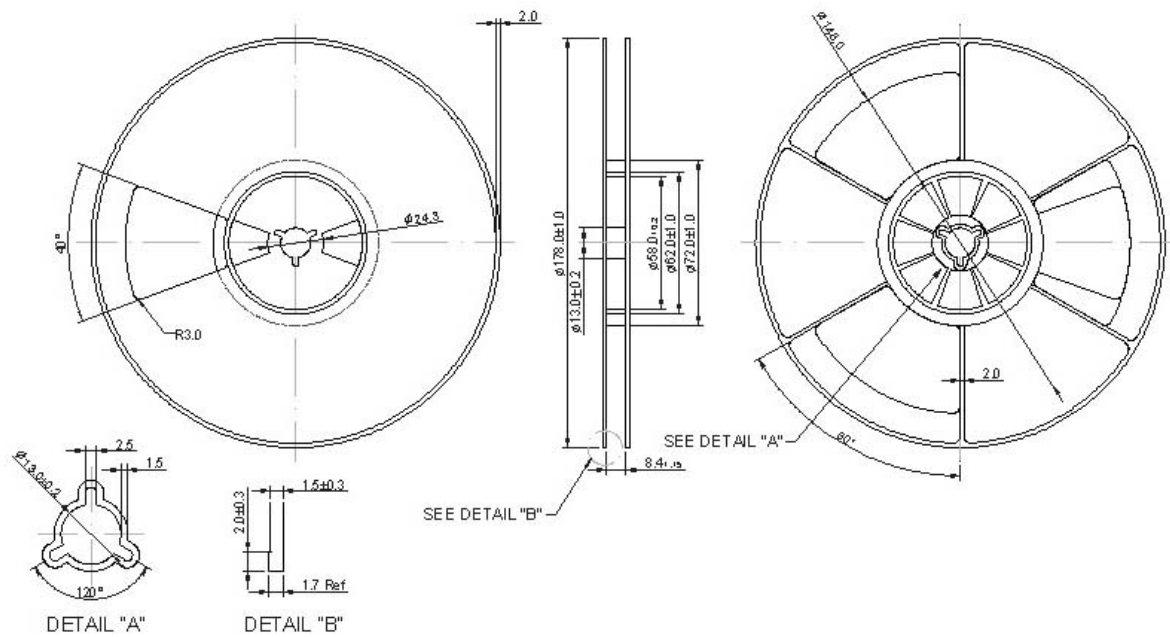


Packing

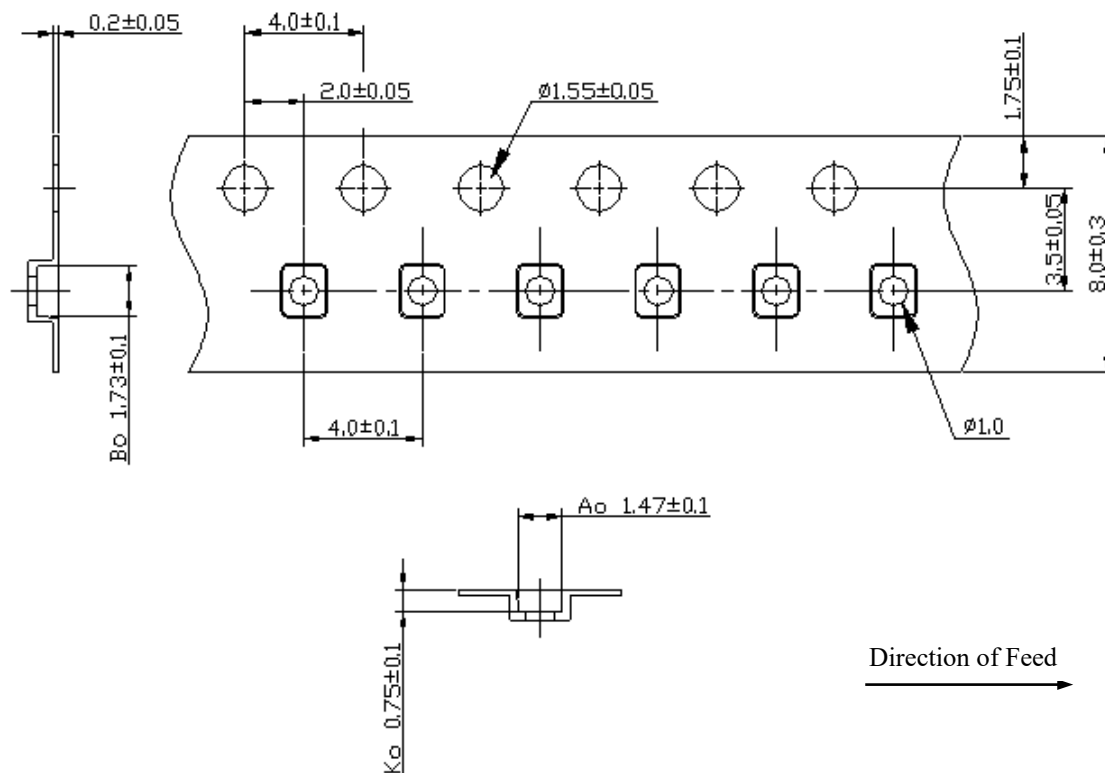
Reel Dimension

Reel Count:
7" = 3000

Tape and Reel Standard per ANSI/EIA-481



Tape Dimensions:



Direction of Feed

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C+0/-5°C peak (20~40sec).
4. Time: 2 times.

