

881.5MHz SMD SAW FILTER

AFS881.5W01-TS4



RoHS
Compliant



3.0 x 3.0 x 1.5mm

FEATURES:

- 3.0 x 3.0 x 1.5mm SMD package
- Low loss 3.0dB
- Suitable for RoHS reflow profile
- High input power 23dBm

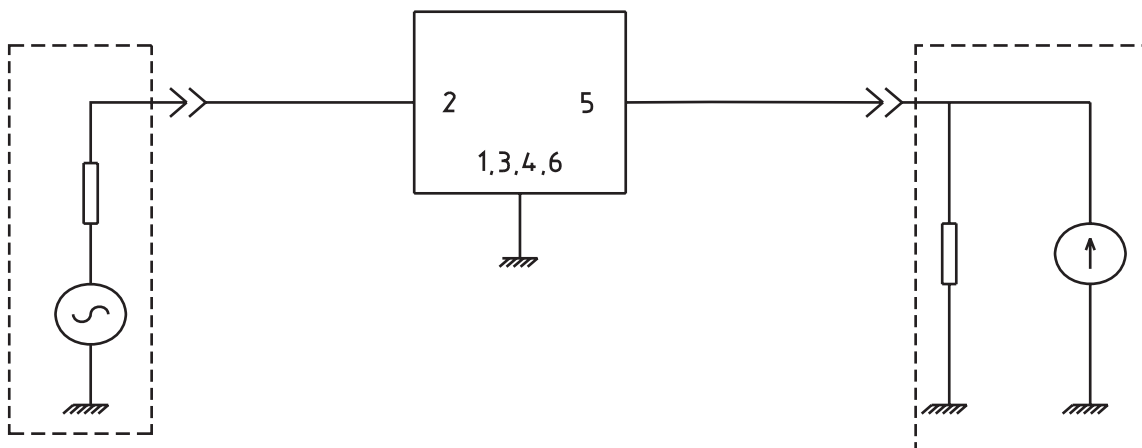
APPLICATIONS:

- WCDMA
- Wireless communication
- PDA

STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f_0)	-----	881.5	-----	MHz	
Passband	-----	25	-----	MHz	
3dB Band Width	-----	40	-----	MHz	
Insertion Loss (Passband)	-----	-----	3.0	dB	869 ~ 894MHz
Return Loss (Passband)	10.0	-----		dB	869 ~ 894MHz
Passband Ripple	-----	-----	1.8	dB	869 ~ 894MHz
Stopband Suppression	20	-----	-----	dB	DC ~ 800MHz
	35	-----	-----	dB	824 ~ 849MHz
	25	-----	-----	dB	978 ~ 1006MHz
	30	-----	-----	dB	1088 ~ 1119MHz
	20	-----	-----	dB	1119 ~ 2600MHz
Terminating Impedance	50 Ω				
Operation Temperature Range	-30	-----	+80	°C	
Storage Temperature Range	-40	-----	+85	°C	
DC Permissive Voltage	-----	-----	10	Vdc	
Maximum Input Power	-----	-----	23	dBm	

TEST CIRCUIT:



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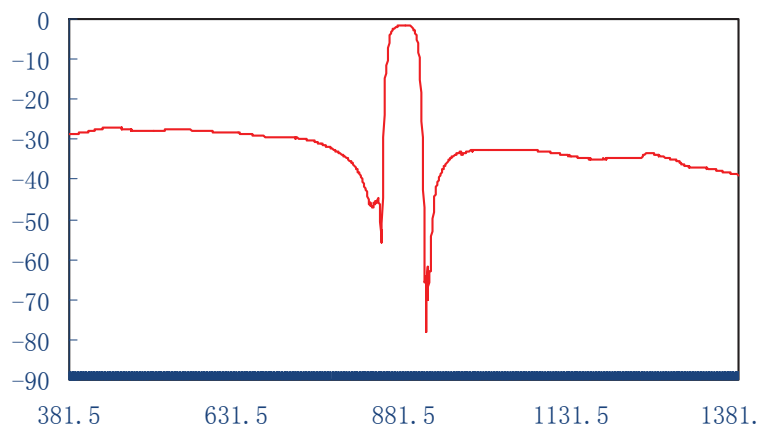
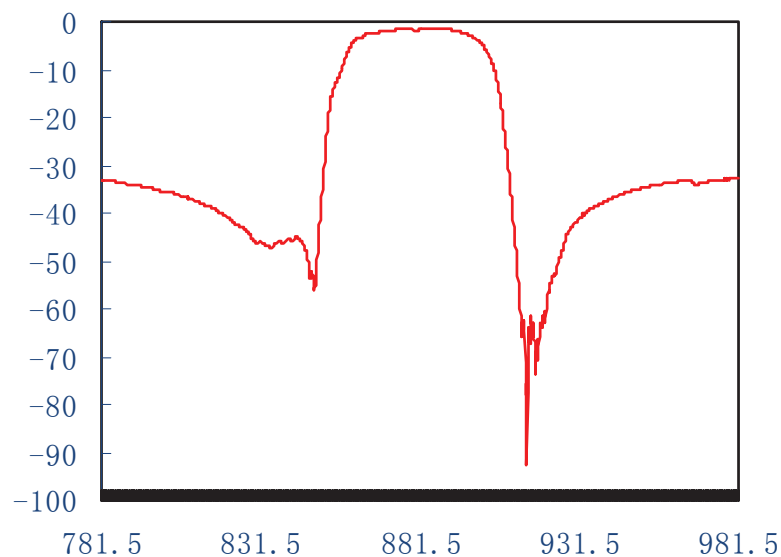


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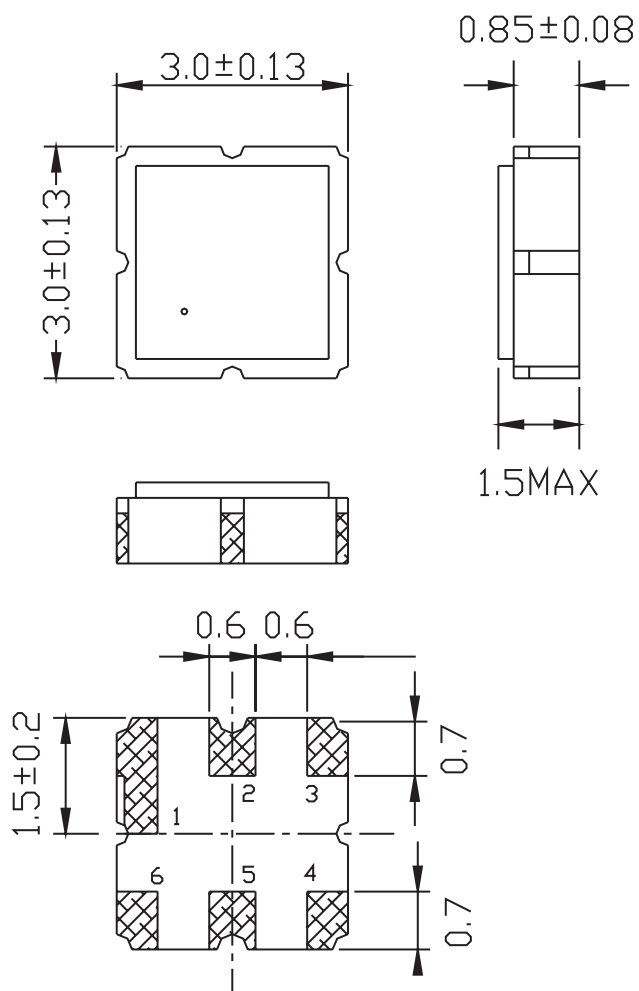


3.0 x 3.0 x 1.5mm

FREQUENCY CHARACTERISTICS:



OUTLINE DIMENSIONS:



Pin #	Function
2	Input
5	Output
Others	GND

Dimensions: mm

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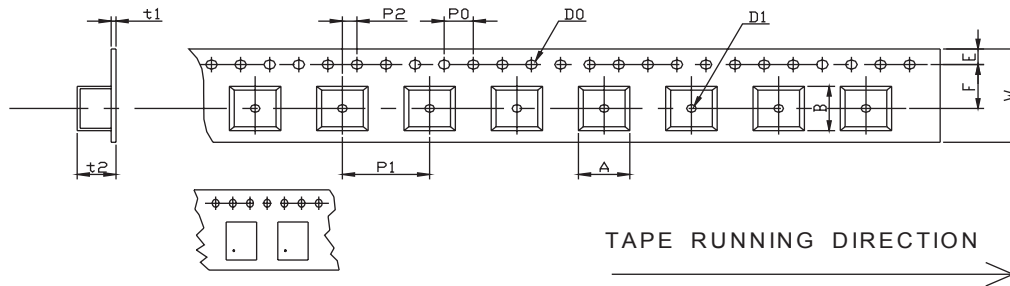


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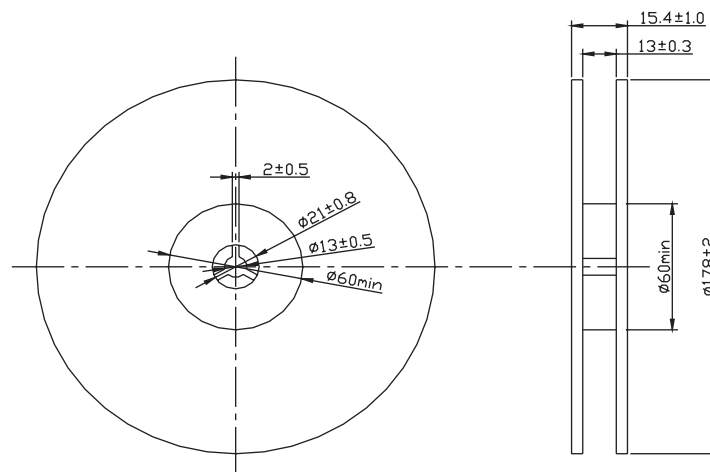


3.0 x 3.0 x 1.5mm

PACKAGING: 3000pcs/reel

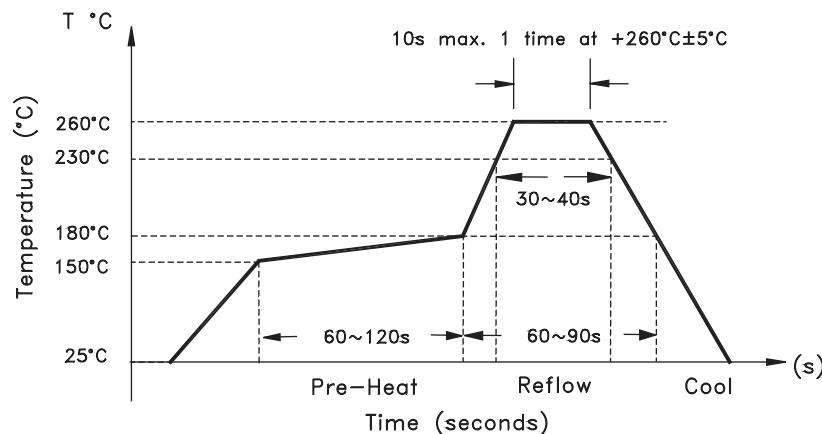


W	F	E	P0	P1	P2	D0	D1	t1	t2	A	B
12.0	5.5	1.75	4.0	4.0	2.0	1.5	1.5	0.31	1.95	3.3	3.3
[±] 0.3	[±] 0.1	[±] 0.1	[±] 0.2	[±] 0.1	[±] 0.2	[±] 0.1	[±] 0.25	max.	max.	max.	max.



Dimensions: mm

REFLOW PROFILE:



Need a test socket for the AFS881.5W01-TS4 Series?

To view compatible **PRECISION TEST & BURN-IN SOCKETS** for these parts, [click here. P/N AXS-3030-06-03](#)

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