

- 260.00 MHz IF SAW Filter / 19.38 MHz Bandwidth
- Revision 0: 28. Apr. 2009

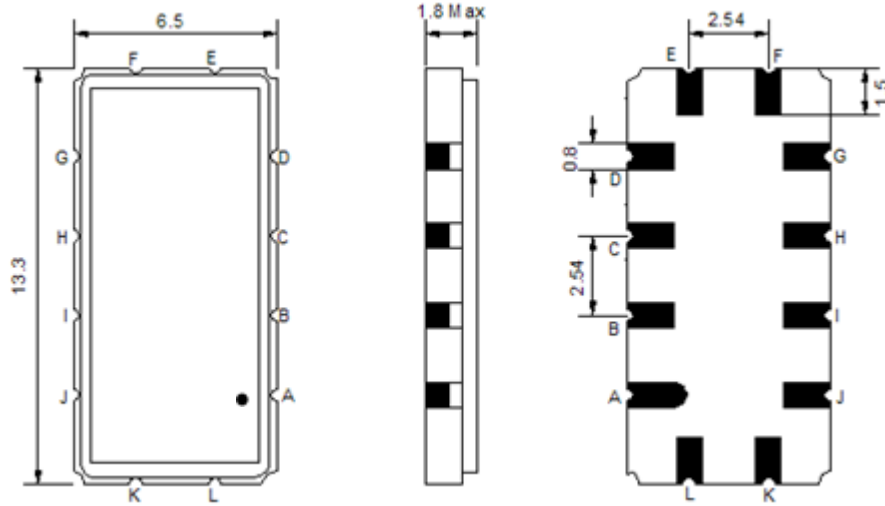
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operation Temperature Range	°C	-20	-	70
Storage Temperature Range	°C	-40	-	85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	V			
Length x Width	mm <sup>2</sup>	-	13.3 x 6.5	-
Height	mm	-	-	1.8

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	260.00	-
Insertion Loss at Fo	dB	-	27.90	29.50
Group Delay Variation at Fo ± 9.22 MHz	nsec	-	28	60
Absolute Delay at Fo	usec	-	2.02	-
Passband Ripple Variation at Fo ± 9.22 MHz	dB	-	0.70	1.00
Bandwidth at -1dB	MHz	-	19.38	-
Bandwidth at -3dB	MHz	19.60	19.80	-
Bandwidth at -40dB	MHz	-	21.70	21.95
Ultimate Rejection	dB	50	55	-
Temperature Coefficient	ppm/°C	-	-20	-

**Notes :** (1) With Matching Network (Ref. Testing Environment Circuit as shown below).  
Those impedances could be modified with different impedance values and/or structures, if necessary.

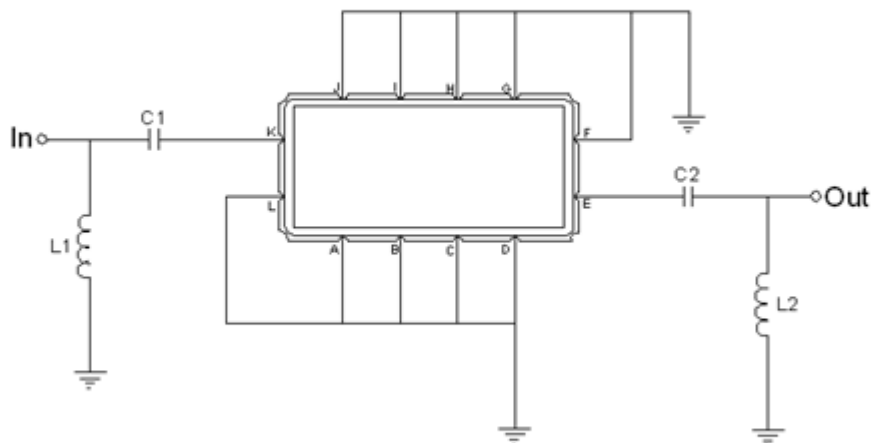
## Package Dimensions



- ① **TRANSKO:** Brand
- ② **TA26019A:** Model Name
- ③ **X :** Date Code (Year)
- ④ **Y :** Date Code (Month)
- ⑤ **Z :** Date Code (Date)
- : Index Dot

Pin Description	
A, B, C, D, F, G, H, I, J, L	Ground
K	Input
E	Output

## Testing Environment



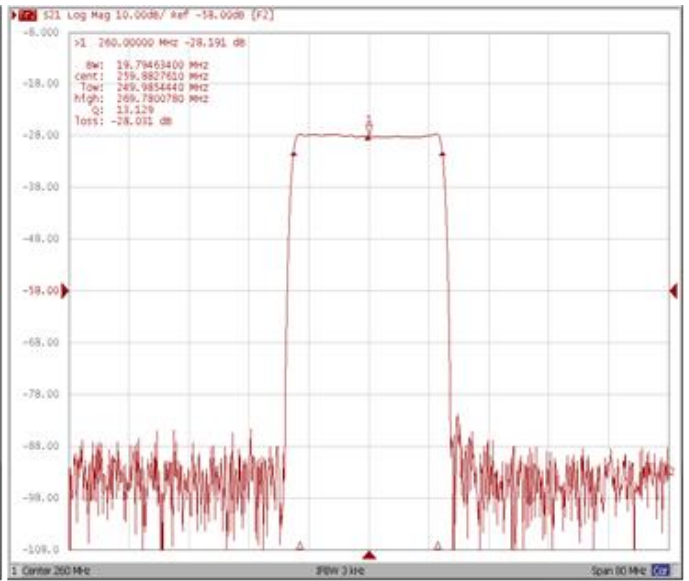
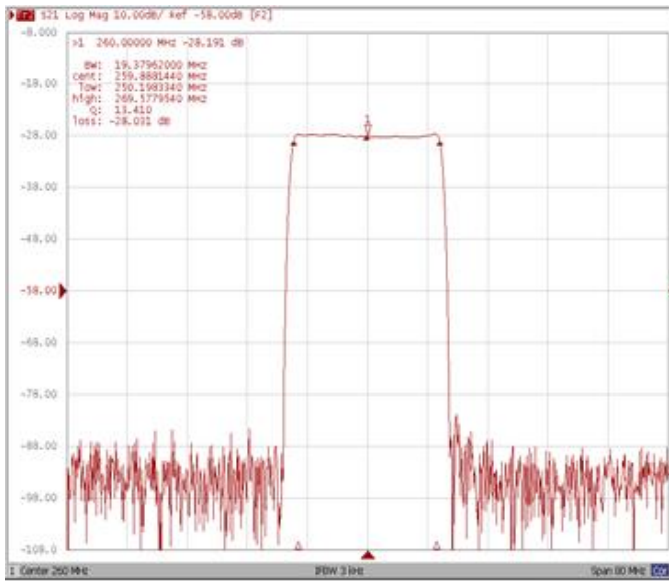
Test Fixture & Values	
<b>Input</b>	L1 = 8.2 nH , C1 = 100 pF
<b>Output</b>	L2 = 12 nH , C2 = 51 pF
<b>Source/Load Impedance</b>	50 Ω

## Frequency Characteristics

### Frequency Response

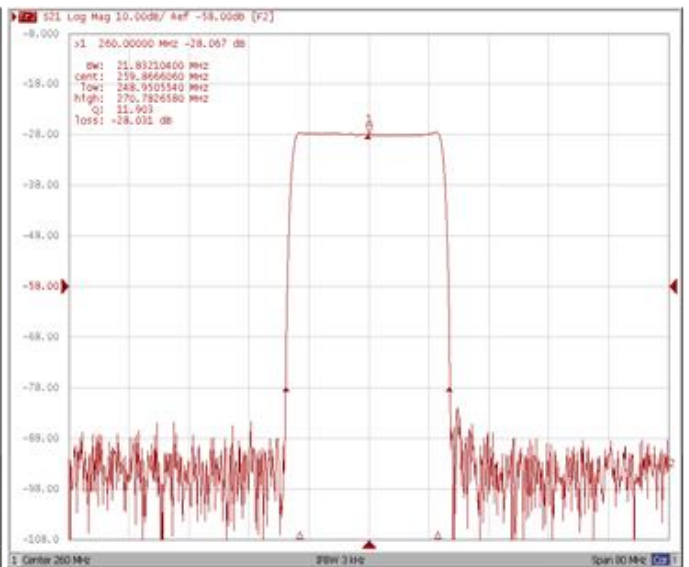
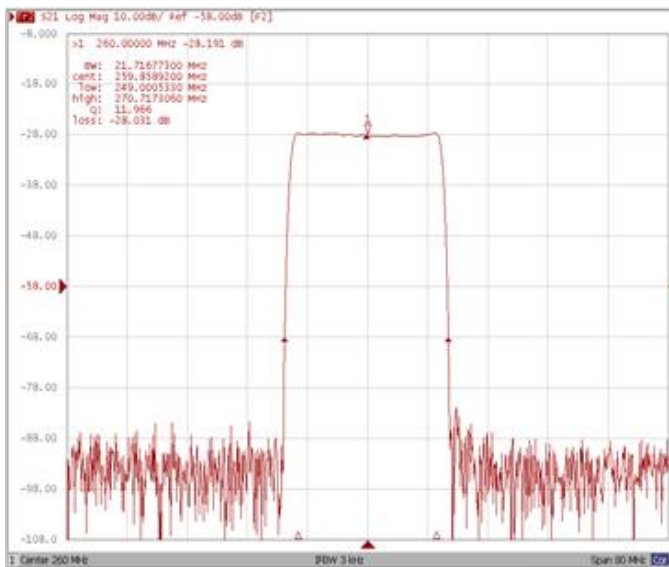
**Bandwidth at -1.0 dB**

**Bandwidth at -3.0 dB**



**Bandwidth at -40.0 dB**

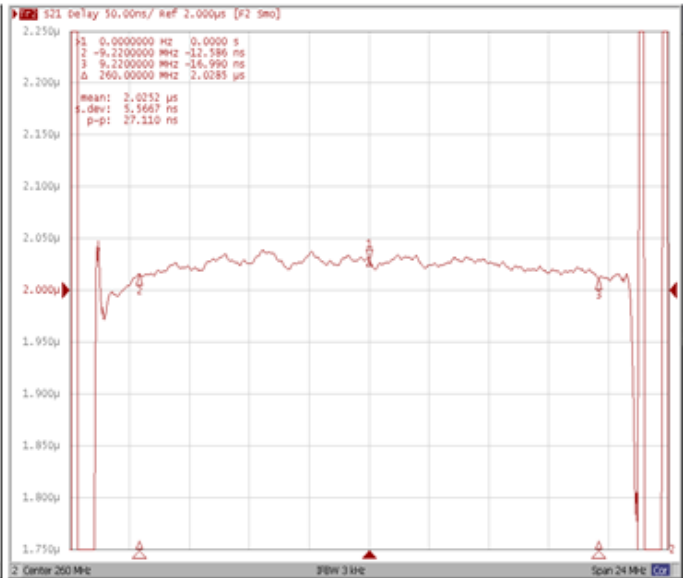
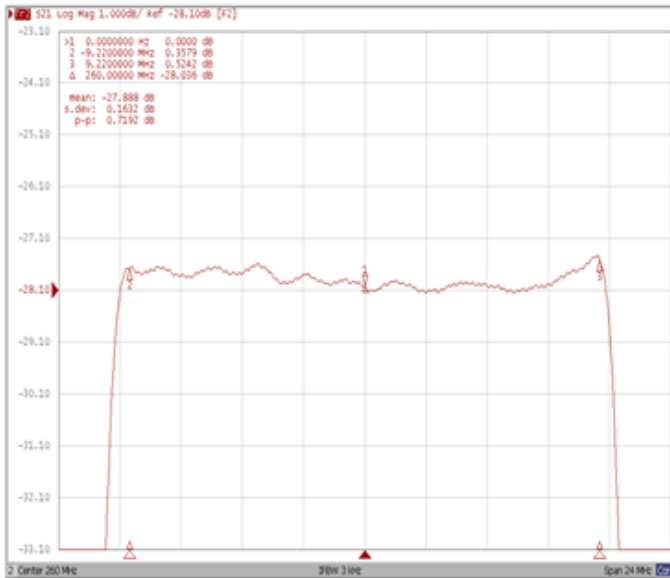
**Bandwidth at -50.0 dB**



**Frequency Response**

**Ripple Variation at Fo±9.22MHz**

**Group Delay Variation at Fo±9.22MHz**



**Smith Chart**

**SWR**

