

- 264.00 MHz IF SAW Filter / 5.70 MHz Bandwidth
- Revision 0: 24. Aug. 2009

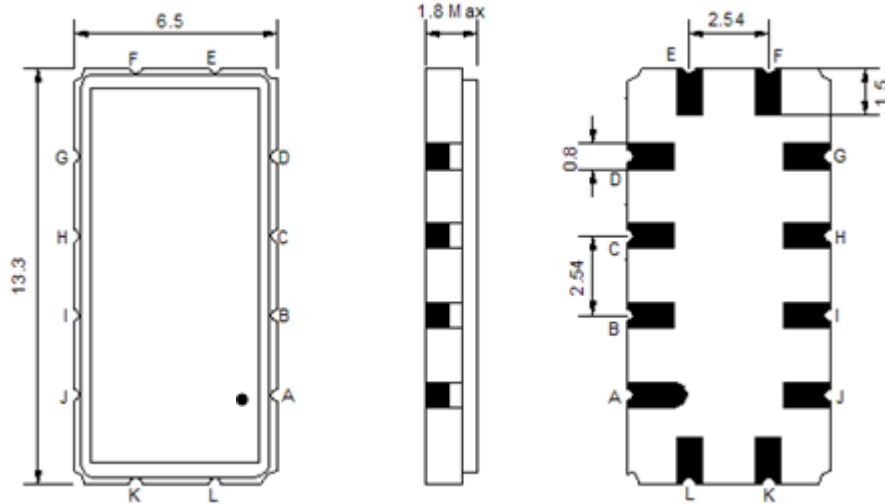
Electrical Characteristics

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) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	V			
Length x Width	mm ²	-	13.3 x 6.5	-
Height	mm	-	-	1.8

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	264.0	-
Insertion Loss at Fo	dB	-	24.00	25.50
Group Delay Variation at Fo±2.5MHz	ns	-	59	90
Absolute Delay at Fo	us	-	1.76	-
Amplitude Ripple at Fo±2.5MHz	dB	-	0.30	0.80
Bandwidth at -1dB	MHz	5.40	5.70	-
Bandwidth at -3dB	MHz	-	6.05	-
Bandwidth at -40dB	MHz	-	7.37	7.60
Relative Attenuation				
Fo±4.0MHz	dB	45	54	-
Lower Sidelobe	dB	47	52	-
Upper Sidelobe	dB	47	52	-
Temperature Coefficient	ppm/°C	-	-0.03	-

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.

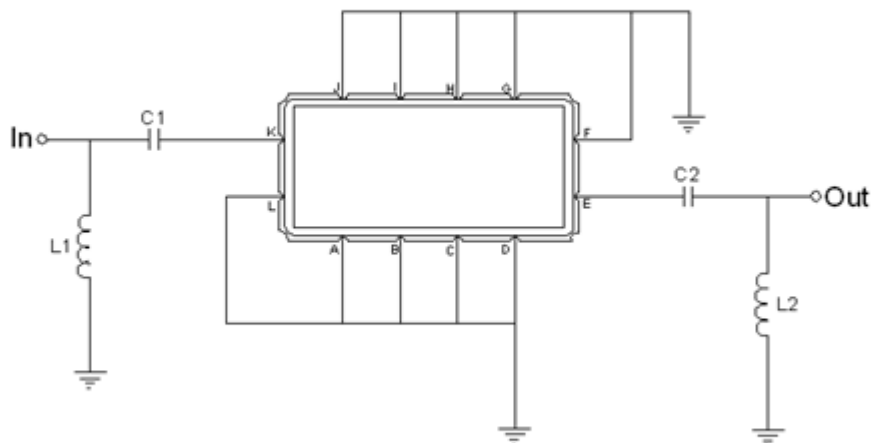
Package Dimensions



- ① **TRANSKO:** Brand
- ② **TA26405A:** 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

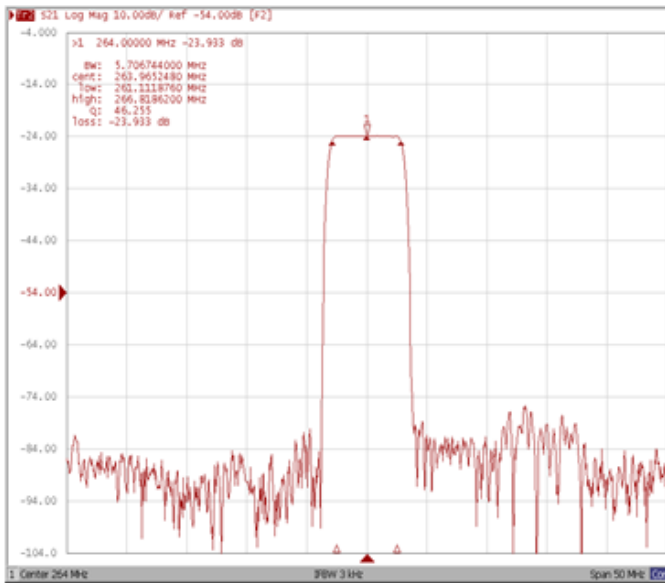


Test Fixture & Values	
Input	L1 = 10 nH , C1 = 200 pF
Output	L2 = 8.2 nH , C2 = 150 pF
Source/Load Impedance	50 Ω

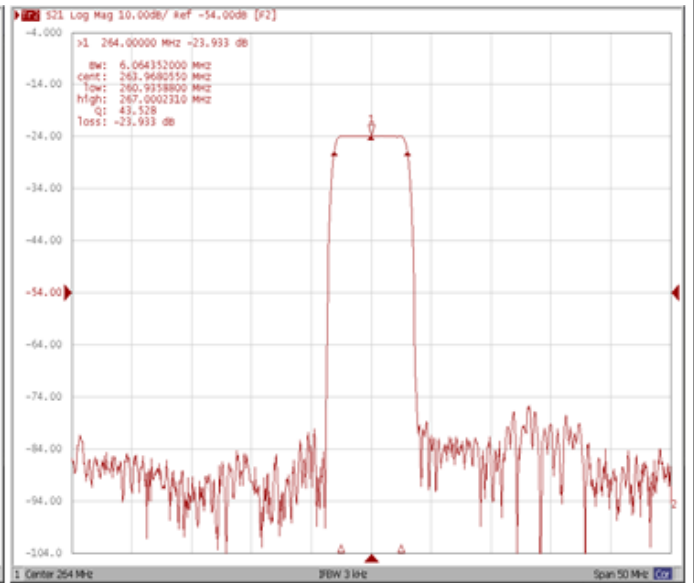
Frequency Characteristics

Frequency Response

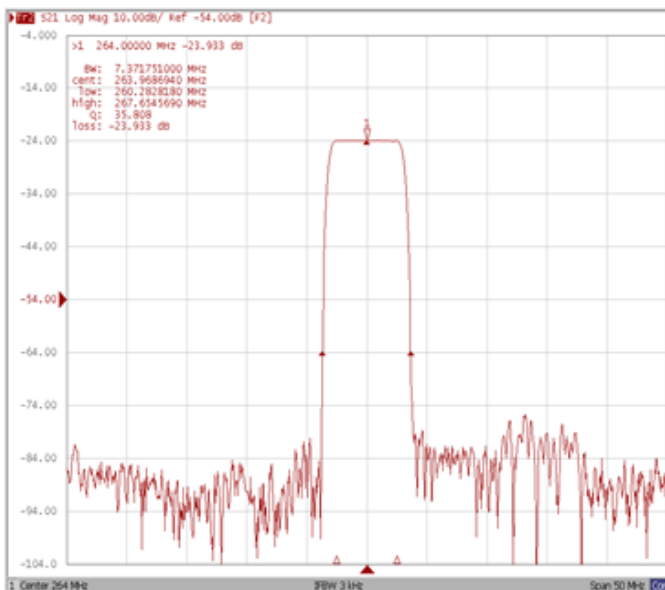
Bandwidth at -1.0 dB



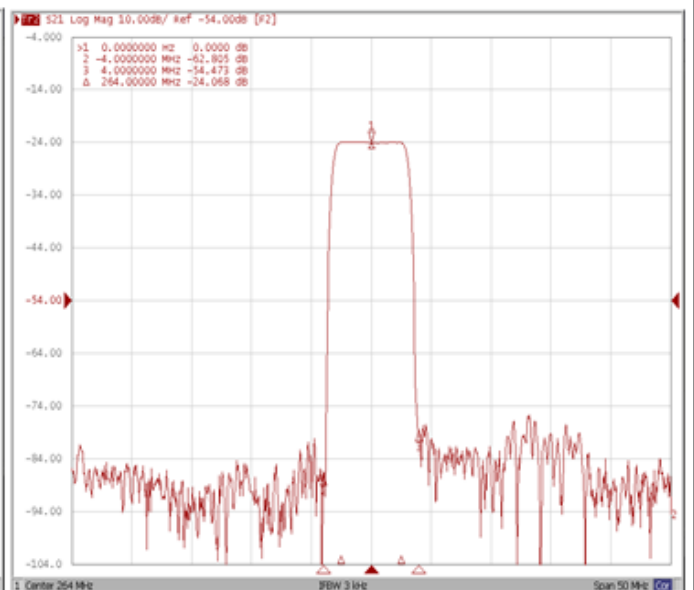
Bandwidth at -3.0 dB



Bandwidth at -40.0 dB



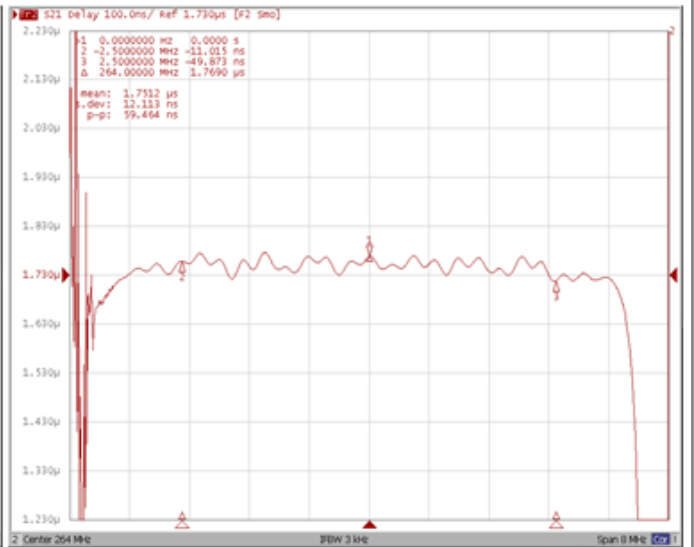
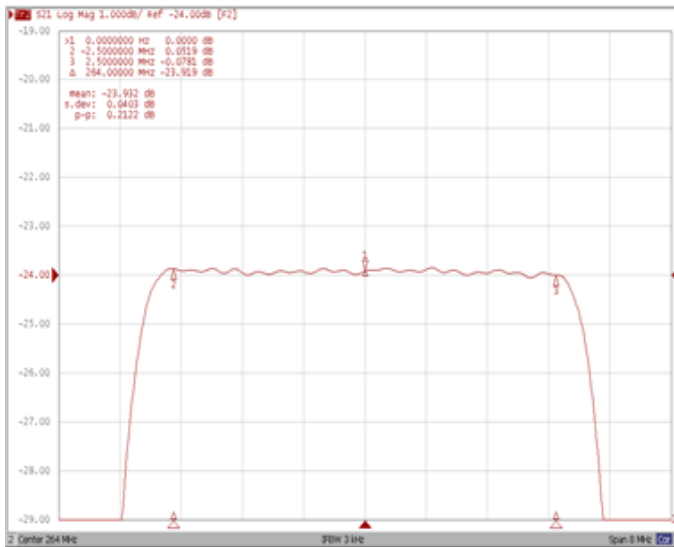
Relative Attenuation at Fo±4.0MHz



Frequency Response

Ripple Variation at Fo±2.5MHz

Group Delay Variation at Fo±2.5MHz



Smith Chart

VSWR

