325.0 MHz SAW Filter
Part Number 260916B

1. Features

- Typical 1dB bandwidth of 9.2 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

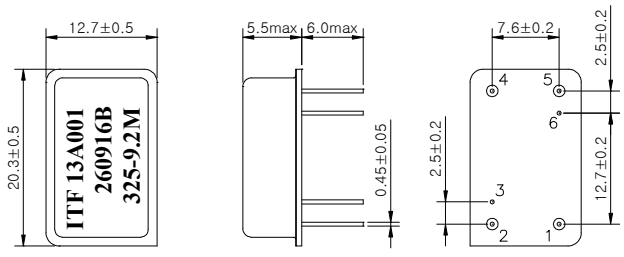
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	324.84	325.0	325.16
Insertion Loss	dB	-	27.0	29.0
1dB Bandwidth	MHz	9.15	9.25	-
3dB Bandwidth	MHz	-	9.56	-
45dB Bandwidth	MHz	-	10.96	11.1
Amplitude Ripple (Fo±4.5075MHz)	dB	-	0.6	1.4
Group Delay Variation (Fo±4.5075MHz)	nsec	-	180	300
Absolute Delay	usec	-	2.24	2.3
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/℃	-	-18	-
Substrate Material	-		112-LT	

Input POWER : +10dBm

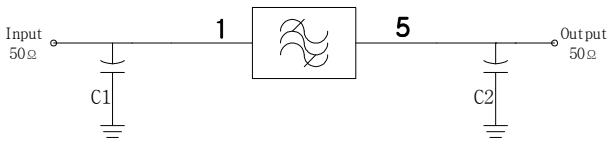
D2012 Package Dimension



Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated
Cap : Cu & Cr Alloy, Ni Plated
Termination : Kovar, Au Plated

Matching Schematic



C1 = C2 = 30pF

Pin Configuration			
Input	**1**	**Ground**	**2, 4**
Output	**5**	**Others**	**Ground**

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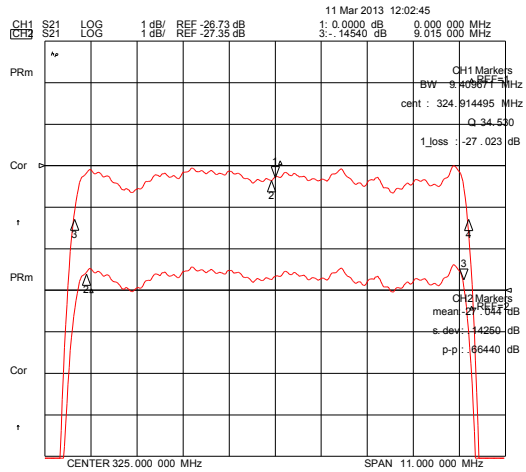
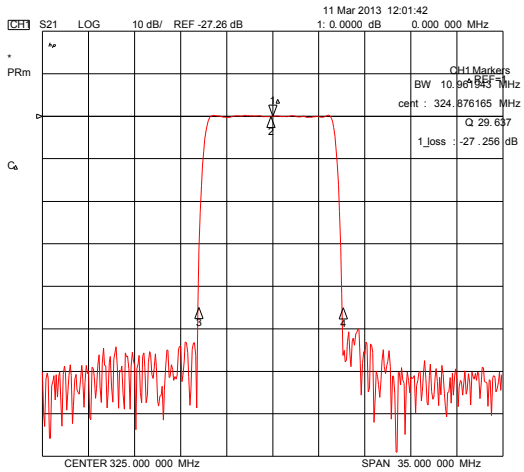
2013. 03. 11
Rev 1.0

3. Typical Performance (at +25℃)

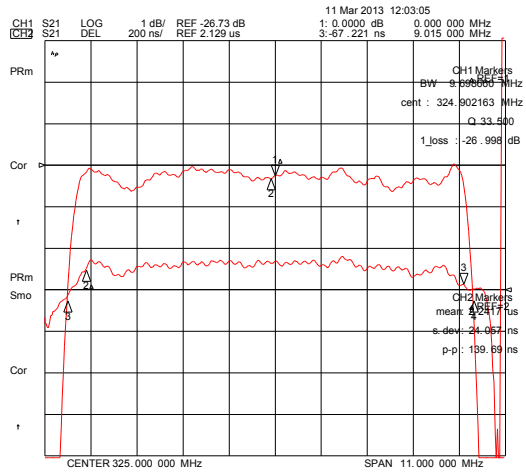
1dB Bandwidth & Ripple



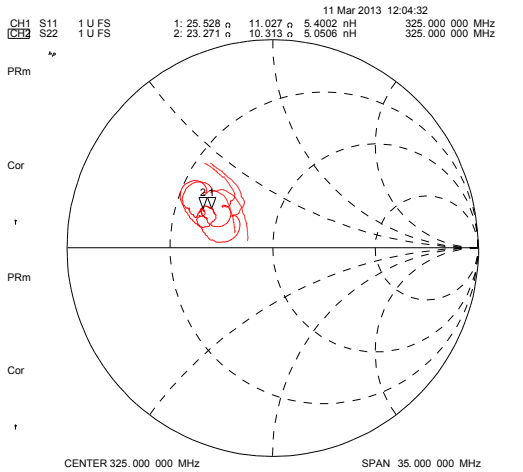
45dB Bandwidth



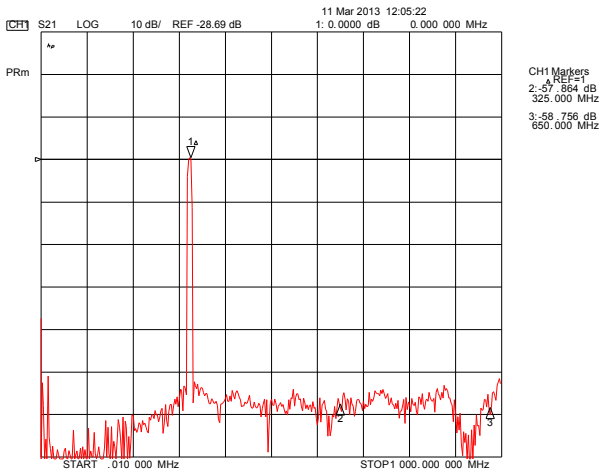
3dB Bandwidth & Group Delay



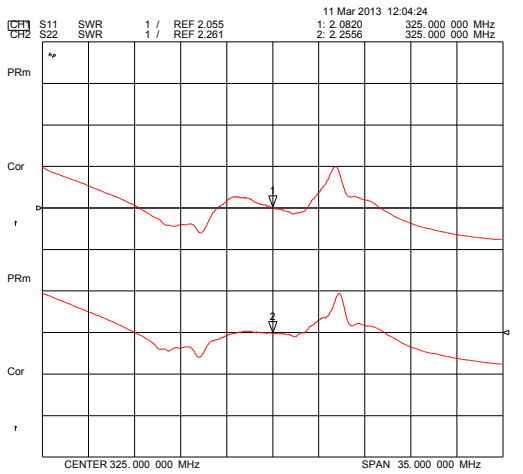
Smith Chart(S11 & S22)



Wideband Properties



SWR(S11 & S22)



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