340.0 MHz SAW Filter
Part Number 261801B

1. Features

- Typical 1dB bandwidth of 18.5 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

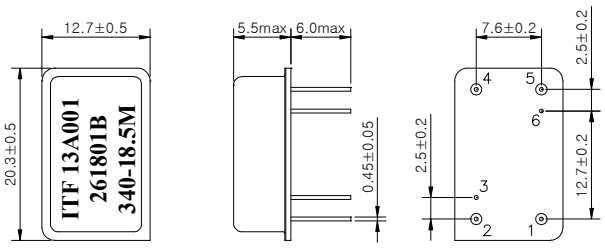
2. Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	340.0	-
Insertion Loss	dB	-	28.0	30.0
1dB Bandwidth	MHz	18.4	18.55	-
3dB Bandwidth	MHz	-	18.97	-
40dB Bandwidth	MHz	-	20.94	21.1
Amplitude Ripple (Fo±9.0MHz)	dB	-	0.7	-
Group Delay Variation (Fo±9.0MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.14	2.2
Temperature Coefficient of Frequency	**ppm/℃**	-	-18	-
Relative Attenuation @Edge±5.0MHz	dB	- 50	55	- -

@Edge : 9.0MHz, Input POWER : + 10dBm

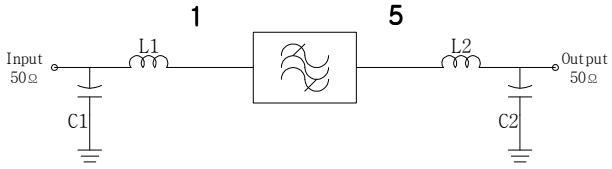
D2012 Package Dimension



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



L1 =3.9nH , L2 =4.7nH, C1 = 20pF, C2 = 16pF

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

I T F Co., Ltd.
102-901, Bucheon Technopark 364, Samjeong-Dong,
Ojeong-Gu, Bucheon-City,
Gyounggi-Do, Korea 421-809

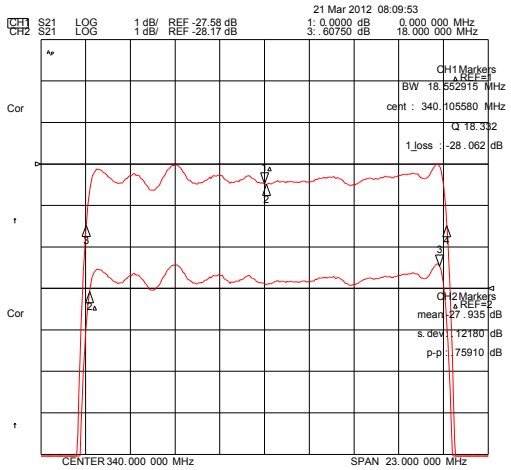
Tel: 82-32-621-1213
Fax: 82-32-621-1218

http://www.itf.co.kr
sales@itf.co.kr

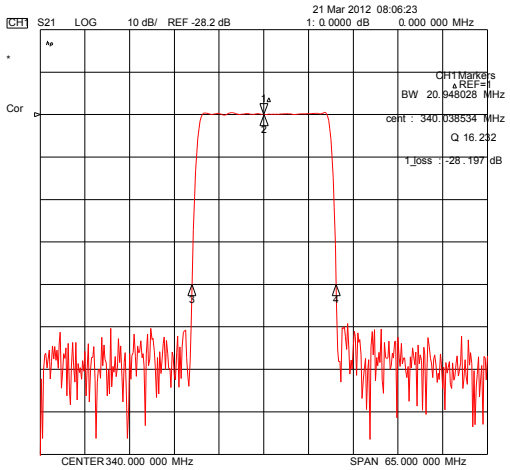
2013. 03. 27
Rev 1.0

3. Typical Performance (at +25℃)

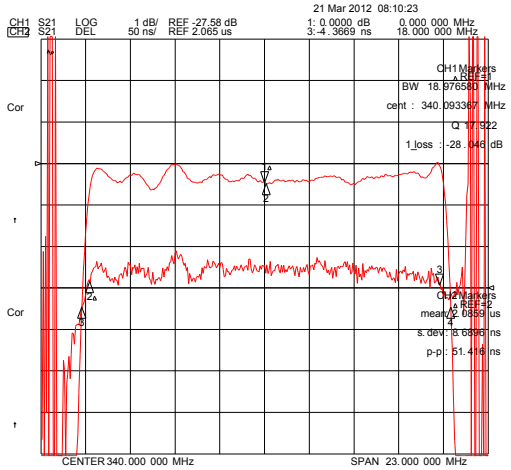
1dB Bandwidth & Ripple



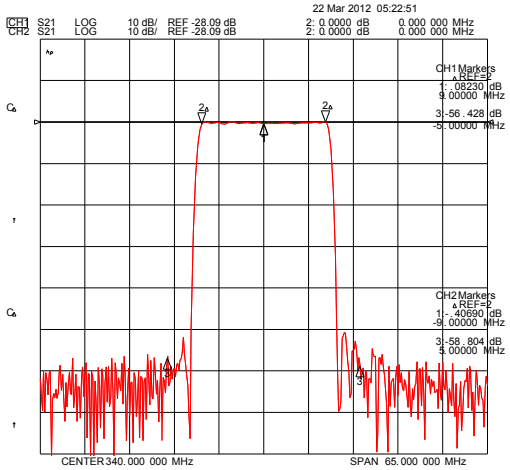
40dB Bandwidth



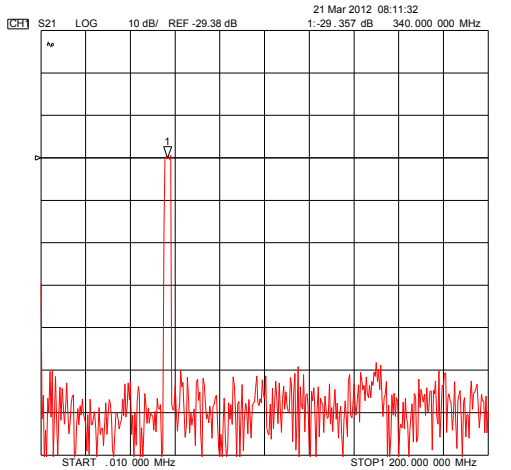
3dB Bandwidth & Group Delay



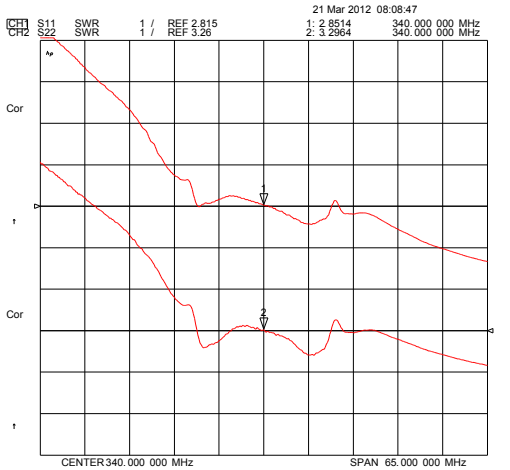
Relative Attenuation



Wideband Properties



SWR(S11 & S22)



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