280.0 MHz SAW Filter
Part Number 262902B

1. Features

- Typical 1dB bandwidth of 29.5MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

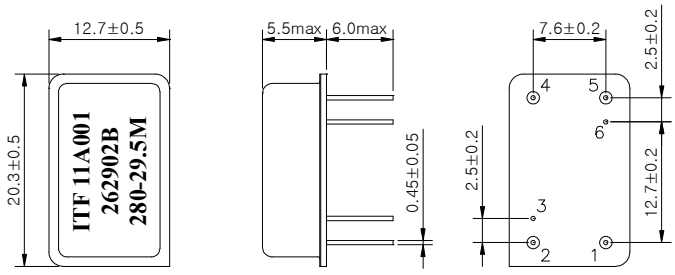
Tested by SGS Testing Korea

2. Electrical Specifications

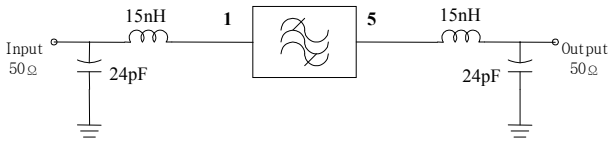
Source and Load Impedance = 50Ω

Operating Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	280.0	-
Insertion Loss	dB	-	27.7	29.5
1dB Bandwidth	MHz	29.4	29.5	-
3dB Bandwidth	MHz	-	29.95	-
40dB Bandwidth	MHz	-	31.75	32.0
Amplitude Ripple (fo ± 14.45 MHz)	dB	-	0.55	1.2
Group Delay Variation (fo ± 14.45 MHz)	nsec	-	30	60
Absolute Delay	usec	-	2.3	-
Ultimate Rejection	dB	45	50	-
Temperature Coefficient of Frequency	ppm/℃	-	-18	-

D2012 Package Dimension



Matching Schematic



Dimensions shown are nominal in millimeters

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

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

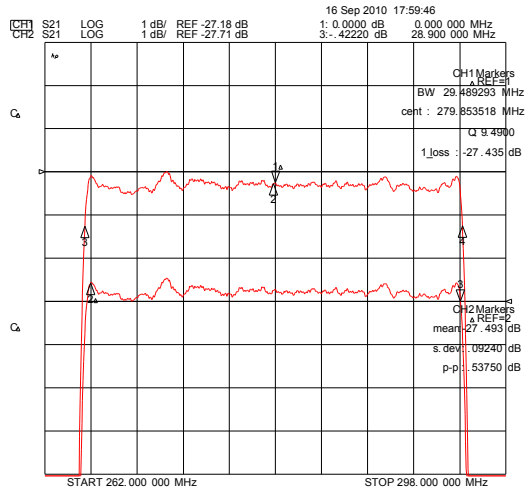
Tel: 82-32-621-1213
Fax: 82-32-621-1218

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

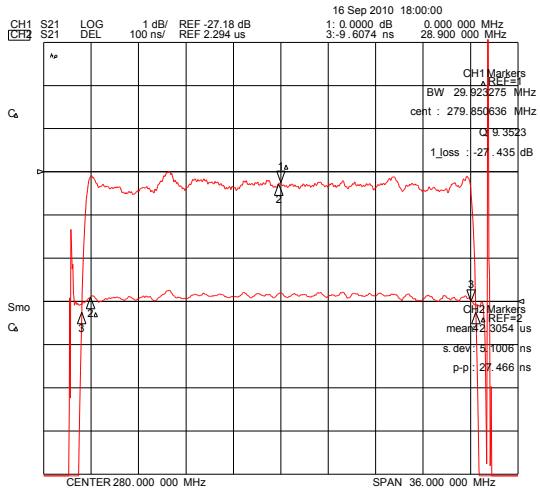
2011. 05. 27
Rev 1.0

3. Typical Performance (at +25℃)

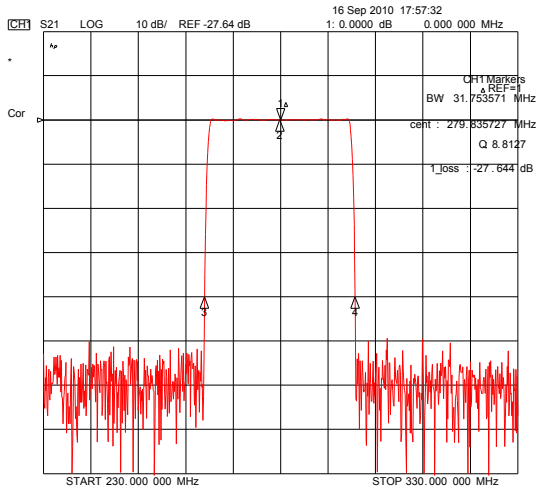
1dB Bandwidth & Ripple



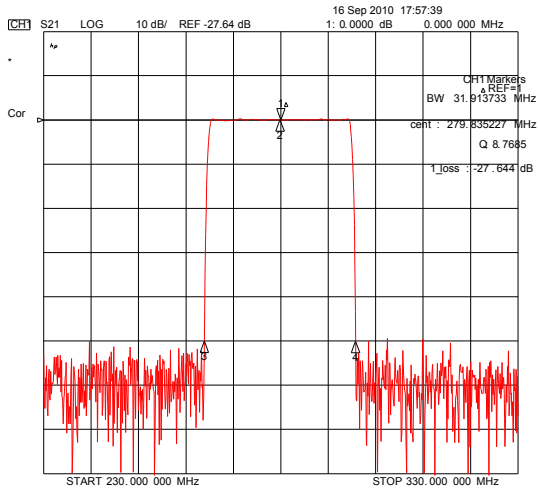
3dB Bandwidth & Group Delay



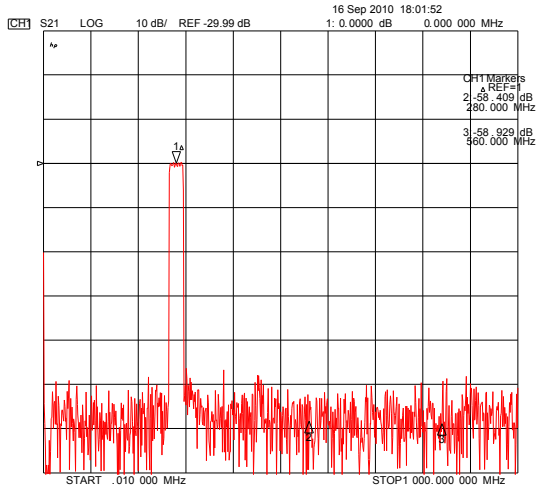
40dB Bandwidth



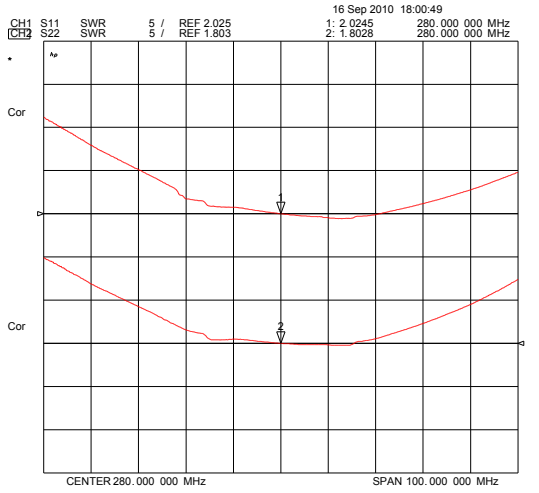
50dB Bandwidth



Wide band Properties



SWR(S11 & S22)



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
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