

1. Features

- Typical 1.5dB bandwidth of 1.18 MHz
- High attenuation
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

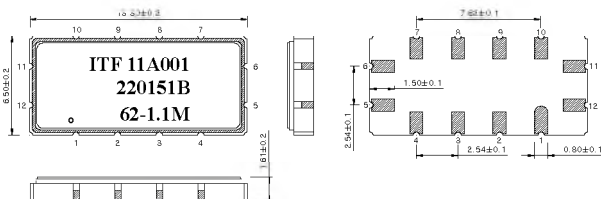
Tested by SGS Testing Korea

2. Electrical Specifications

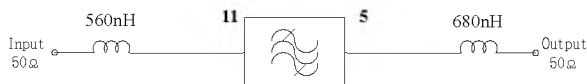
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	62.0	-
Insertion Loss	dB	-	21.5	23.5
1.5dB Bandwidth	MHz	0.9	1.18	-
3dB Bandwidth	MHz	-	1.51	-
40dB Bandwidth	MHz	-	3.5	3.7
Amplitude Ripple (fo ± 0.3 MHz)	dB	-	0.35	1.0
Group Delay Variation (fo ± 0.3MHz)	nsec	-	60	200
Absolute Delay	usec	-	1.52	-
Ultimate Rejection	dB	50	55	-
Temperature Coefficient of Frequency	ppm/°C ²	-	-0.03	-

S1365 Package Dimension



Matching Schematic



Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

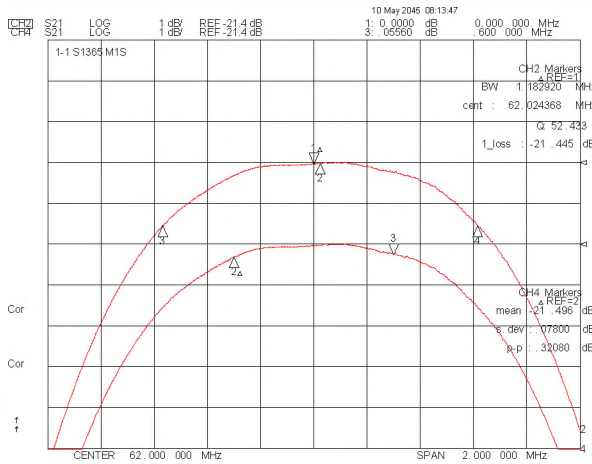
Termination : Au plating 0.3 ~ 1.0um, over a 1.27 ~ 8.89um Ni Plating

Pin Configuration

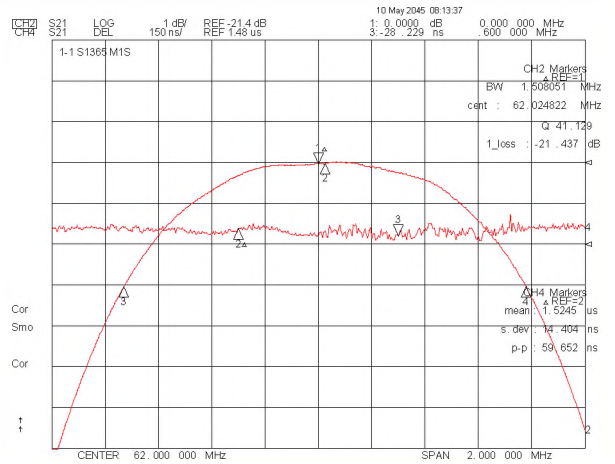
Input	11	Ground	6,12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

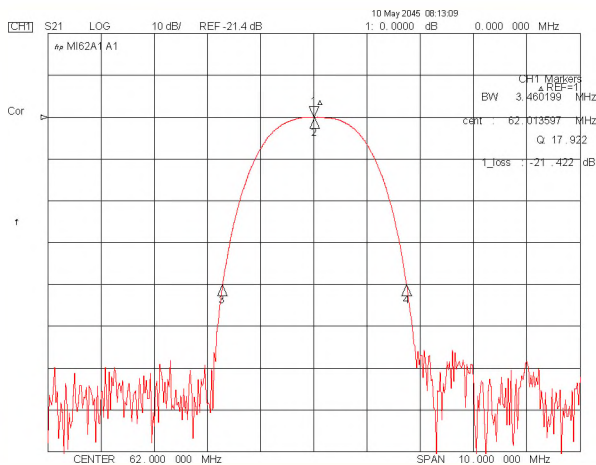
1.5dB Bandwidth & Ripple



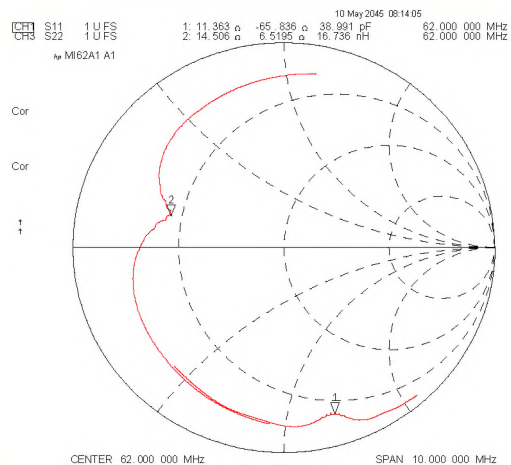
3dB Bandwidth & Group Delay



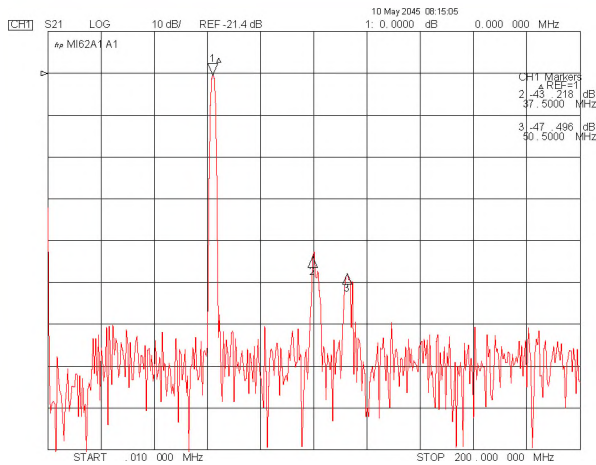
40dB Bandwidth



Smith Chart(S11 & S22)



Wideband Properties



SWR(S11 & S22)

