

### 1. Features

- Typical 1dB bandwidth of 1.26 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

**RoHS Compliant**

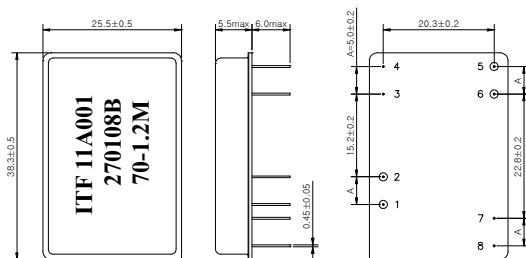
Tested by SGS Testing Korea

### 2. Electrical Specifications

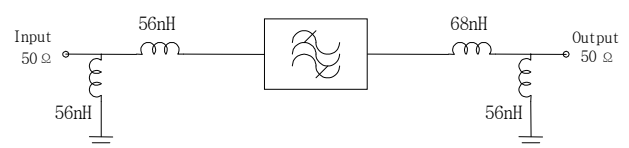
Source and Load Impedance = 50Ω

Room Temperature : +25°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	69.93	70.0	70.07
Insertion Loss	dB	-	20.4	22.0
1dB Bandwidth	MHz	1.1	1.26	-
3dB Bandwidth	MHz	-	1.34	-
40dB Bandwidth	MHz	-	1.69	1.78
Amplitude Ripple (fo ± 0.6MHz)	dB	-	0.79	1.2
Group Delay Variation (fo ± 0.6MHz)	nsec	-	350	700
Absolute Delay	usec	-	5.62	-
Ultimate Rejection	dB	40	45	-
Temperature Coefficient of Frequency	ppm/°C <sup>2</sup>	-	-0.03	-

**D3825 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**

<b>Input</b>	1	<b>Ground</b>	2,5
<b>Output</b>	6	<b>Others</b>	<b>Case Ground</b>

### 3. Typical Performance ( at +25°C )

