

1. Features

- Typical 1dB bandwidth of 29.3 MHz
- High attenuation
- Single Ended Operation
- Dual In-line Package (DIP)

RoHS Compliant

Tested by SGS Testing Korea

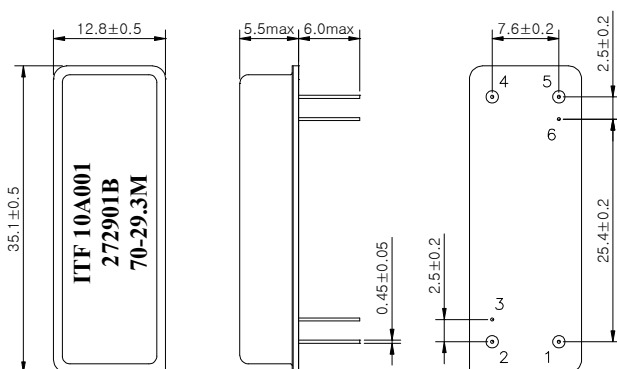
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	28.5	30.0
1dB Bandwidth	MHz	29.2	29.3	-
3dB Bandwidth	MHz	-	29.5	-
50dB Bandwidth	MHz	-	30.45	30.55
Amplitude Ripple (fo ± 14.52 MHz)	dB	-	0.7	1.2
Group Delay Variation (fo ± 14.52 MHz)	nsec	-	30	60
Absolute Delay	usec	-	3.2	-
Ultimate Rejection	dB	54	60	-
Input power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

D3512 Package Dimension



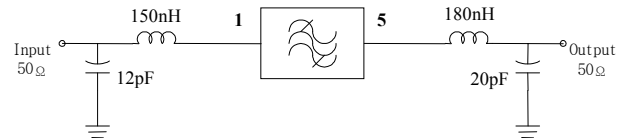
Dimensions shown are nominal in millimeters

Base : Fe(SPCC), Au plating over Ni plated

Cap : Cu & Cr Alloy, Ni Plated

Termination : Kovar, Au Plated

Matching Schematic



Pin Configuration

Input	1	Ground	2,4
Output	5	Others	Ground

3. Typical Performance (at +25°C)

