

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

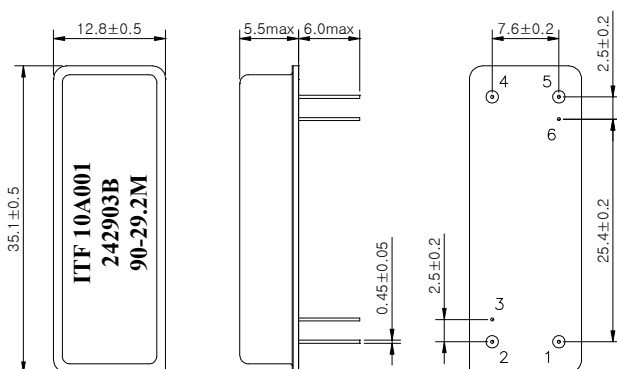
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : +25°C

		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	90.0	-
Insertion Loss	dB	-	27.5	29.0
1dB Bandwidth	MHz	29.1	29.3	-
3dB Bandwidth	MHz	-	29.5	-
50dB Bandwidth	MHz	-	30.43	30.55
Amplitude Ripple (fo ± 14.5 MHz)	dB	-	0.5	1.2
Group Delay Variation (fo ± 14.5 MHz)	nsec	-	45	80
Absolute Delay	usec	-	3.16	-
Ultimate Rejection	dB	55	60	-
Input power	dBm	-	-	10
Temperature Coefficient of Frequency	ppm/°C	-	-72	-

D3512 Package Dimension



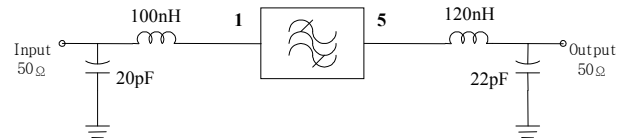
Dimensions shown are nominal in millimeters

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)

