

1. Features

- Typical 1dB bandwidth of 32.2 MHz
- Low-Loss Filter
- Single Ended Operation
- Surface Mounted Package (SMD)

RoHS Compliant

Tested by SGS Testing Korea

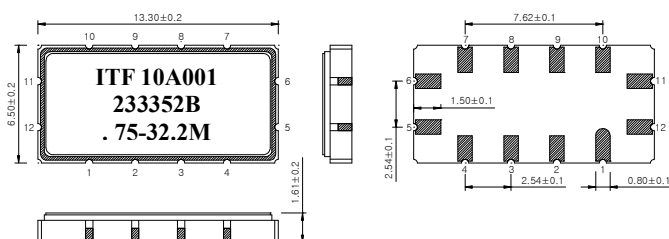
2. Electrical Specifications

Source and Load Impedance = 50Ω

Operating Temperature : -10°C ~ +60°C		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	75.0	-
Insertion Loss	dB	-	17.0	19.5
1dB Bandwidth	MHz	31.8	32.2	-
3dB Bandwidth	MHz	-	33.27	-
40dB Bandwidth	MHz	-	37.8	38.2
Amplitude Ripple (fo ± 15.0 MHz)	dB	-	0.35	1.0
Group Delay Variation (fo ± 15.0 MHz)	nsec	-	15	50
Absolute Delay	usec	-	0.9	-
Ultimate Rejection	dB	40	46	-
Temperature Coefficient of Frequency	ppm/°C	-	-86	-

Operating Temperature : +25°C		Minimum	Typical	Maximum
Insertion Loss	dB	-	17.0	19.0
Amplitude Ripple (fo ± 15.25 MHz)	dB	-	0.35	1.0
Group Delay Variation (fo ± 15.25 MHz)	nsec	-	15	50

S1365 Package Dimension



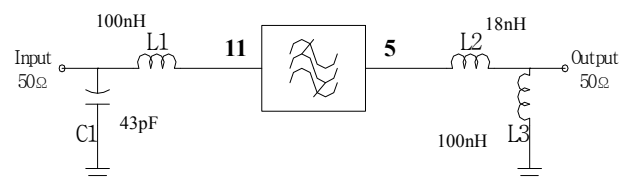
Dimensions shown are nominal in millimeters

Body : Al₂O₃

Lid : Kovar, Ni Plated

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

Matching Schematic



Pin Configuration

Pin Configuration			
Input	11	Ground	6, 12
Output	5	Others	Ground

3. Typical Performance (at +25°C)

