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70MHz IF SAW filter

MODEL NO.: TB0227B preliminary

Rev No.1

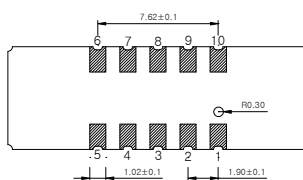
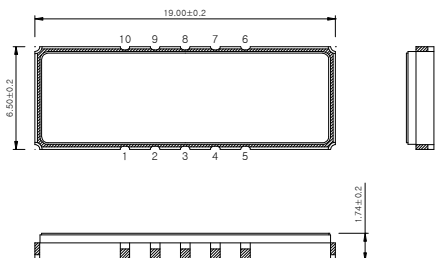
Electrical Specifications

Source and Load Impedance = 50Ω

Room Temperature : +25℃		Minimum	Typical	Maximum
Center Frequency (fo)	MHz	-	70.0	-
Insertion Loss	dB	-	21.0	23.0
1dB Bandwidth	MHz	0.95	1.1	-
3dB Bandwidth	MHz	1.1	1.3	-
35dB Bandwidth	MHz	-	2.05	2.2
Amplitude Ripple (fo ± 0.5 MHz)	dB	-	0.5	1.0
Group Delay Variation (fo ± 0.5 MHz)	nsec	-	150	300
Absolute Delay	usec	-	2.04	-
Relative Attenuation				-
10MHz ~ 68Mhz	dBc	40	45	-
72MHz ~ 140Mhz	dBc	40	45	-
Temperature Coefficient of Frequency	ppm/℃ ²	-	-0.03	-

Input POWER : +10dBm

S1965 Package Dimension



Matching Network Configuration

TBD

Input	10
Input Return	1
Output	5
Output Return	6
Ground	Others