

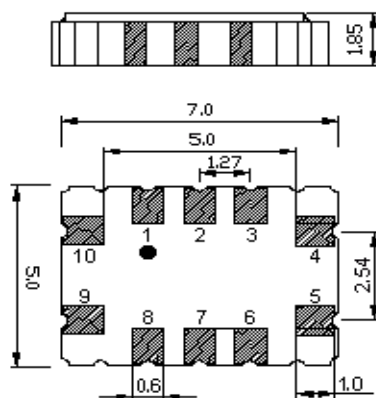
PRODUCT SPECIFICATION FOR INFORMATION

- Customer : ELBIT SYSTEMS LTD
- Product Name : IF SAW FILTER
- Part No : M30013S

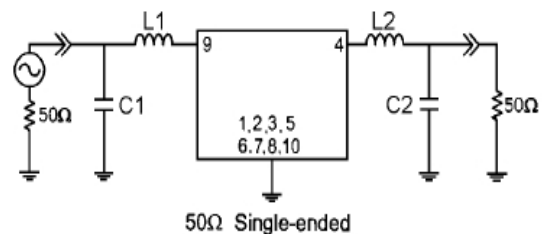
1. Typical Performance

2. Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	300.00	-
Insertion Loss	dB	-	11.00	13.00
1dB Bandwidth	MHz	15.00	15.59	-
3dB Bandwidth	MHz	-	17.10	-
30dB Bandwidth	MHz	-	22.00	-
Passband Ripple within($F_o \pm 6.0\text{MHz}$)	dB	-	0.45	1.0
Group Delay Variation($F_o \pm 6.0\text{MHz}$)	nsec	-	50	100
Absolute Delay	μsec	-	0.5	-
Ultimate Attenuation $F_o \pm 15.0\text{MHz}$ $F_o \pm 20.0\text{MHz}$	dB	40	50	
	dB	45	50	
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-20		
Input Power Max.	dBm	+23dBm		
Operating Temperature	$^{\circ}\text{C}$	-40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$		



Input : 9 , Input Gnd : 10
Output : 4 , Output Gnd : 5
Other Pins : Case Gnd



L1=22nH, L2=22nH, C1=27pF, C2=24pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25 $^{\circ}\text{C}$