

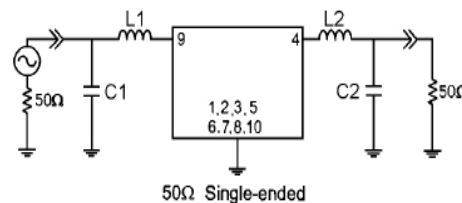
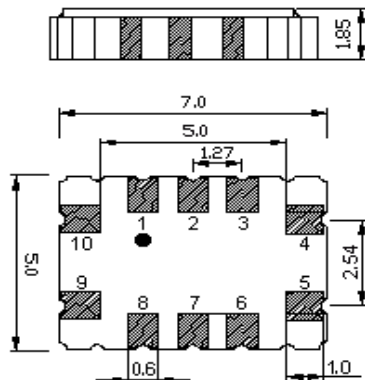
## PRODUCT SPECIFICATION FOR INFORMATION

- Customer : ELBIT SYSTEMS.
- Product Name : IF SAW FILTER
- Part No : M30006S

### 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	6.0	8.5	
3dB Bandwidth	MHz		10.1	
40dB Bandwidth	MHz		16.5	17.5
Amplitude Ripple within( $F_o \pm 3\text{MHz}$ )	dB		0.45	1.0
Group Delay Variation( $F_o \pm 3\text{MHz}$ )	nsec		50	150
Absolute Delay @ $F_o$	$\mu\text{sec}$		0.56	
Ultimate Attenuation	dB	40	50	
Temperature Coefficient	ppm/ $^{\circ}\text{C}$		-86	
Input Power Max.	dBm		+23	
Operating Temperature	$^{\circ}\text{C}$		-40 $^{\circ}\text{C}$ ~ +85 $^{\circ}\text{C}$	



L1=TBD, L2=TBD, C1=TBD  
 Source / Load Impedance = 50 $\Omega$   
 Ambient Temperature = 25 $^{\circ}\text{C}$

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