

# **SPECIFICATION**

**COMMERCIALY AVAILABLE**

**ITEM: SAW FILTER**

**PART NUMBER: SF140016**

**Prepared By:**

**Revised By:**

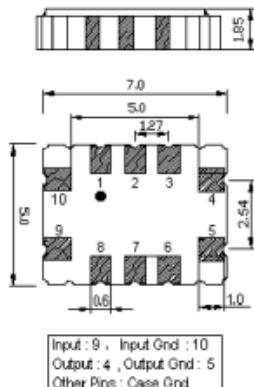
ISSUED	CHECKED	CHECKED	CHECKED	APPROVED

***FILTRONETICS Inc***

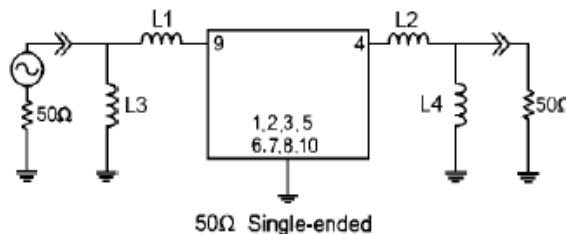
■ Electrical Specifications

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.9	140.0	140.1
Insertion Loss	dB	-	10.0	12.0
1 dB Bandwidth	MHz	1.1	1.25	-
3dB Bandwidth	MHz	1.6	1.78	-
40dB Bandwidth	MHz	-	3.93	-
Passband Ripple	dB	-	0.45	1
Group Delay Variation	p-p	-	100	200
Ultimate Attenuation	dB	40	45	-
Package	mm <sup>3</sup>	7.0 x 5.0 x 1.85		
In/Out Return Impedance	Ω	50 Ω Single		
Temperature Coefficient	ppm/°C	-0.03		

■ Package Dimension



■ Matching Configuration



L1=180 nH, L2=202 nH, L3=24 nH, L4= 27nH  
 Source / Load Impedance = 50Ω  
 Ambient Temperature = 25 °C

■ Frequency Response

