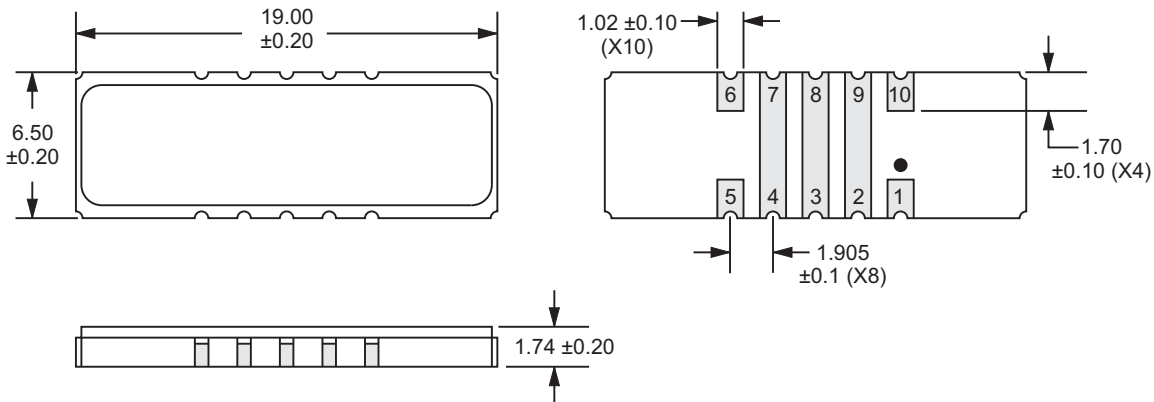


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	139.92	140.00	140.08
Insertion Loss (dB):	-	-	18.40	23.00
Passband Ripple (dB):	-	-	0.20	1.00
-1dB Bandwidth (MHz):	-	0.50	0.57	-
-3dB Bandwidth (MHz):	-	0.80	0.81	-
-40dB Bandwidth (MHz):	-	-	1.76	1.79
-50dB Bandwidth (MHz):	-	-	1.92	1.96
Absolute Delay ( $\mu$ Sec):	-	-	2.35	-
Group Delay Variation (nSec):	Fo $\pm$ 0.40MHz	-	100.00	240.00
Ultimate Rejection (dB):	-	50.00	51.00	-
Operating Temperature Range ( $^{\circ}$ C):	-	-	25	-
Temperature Coefficient (KHz/ $^{\circ}$ C):	-	-	0.14	-
Termination Source Impedance (Ohms):	-	-	50	-
Termination Load Impedance (Ohms):	-	-	50	-

**Comments:** Unless otherwise specified, all of the above specifications are under the following conditions:  
Operating Temperature = 25 $^{\circ}$ C

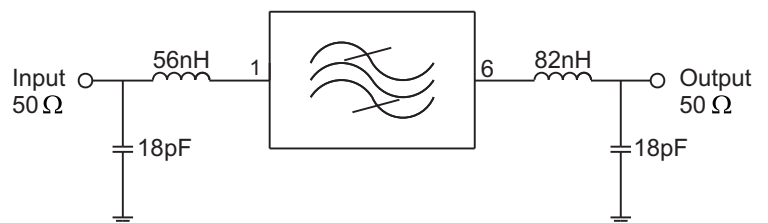
## MECHANICAL DIMENSIONS



Pin	Function
1	Input
2-5	Ground
6	Output
7-10	Ground

ALL DIMENSIONS  
IN MILLIMETERS

## MATCHING NETWORK DIAGRAM

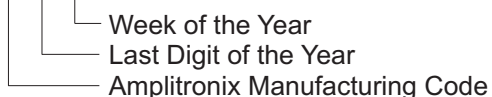


## MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF05F6**

(Line #3) **XX Y ZZ**



**NOTE: RoHS Compliant (Pb-free)**



Part Number: ABFF05F6

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