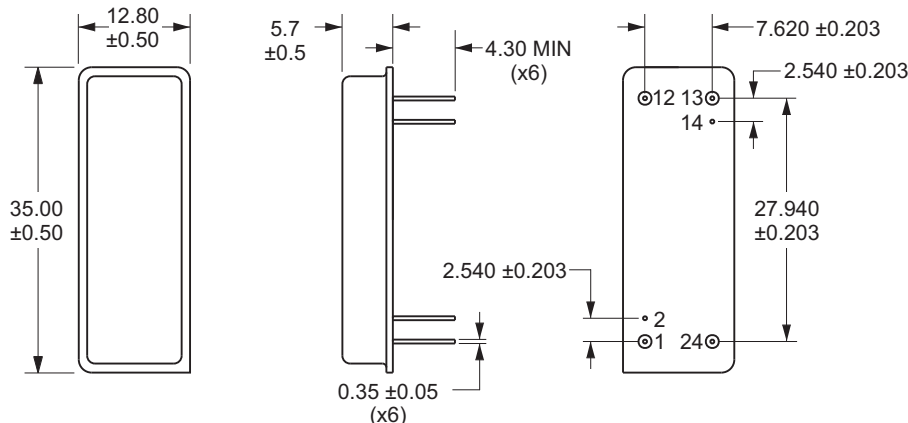


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	239.90	240.00	240.10
Insertion Loss (dB):	-	-	29.40	31.50
Passband Ripple (dB):	Fo ±6.875MHz	-	0.70	1.50
-1.5dB Bandwidth (MHz):	-	13.90	14.03	-
-3dB Bandwidth (MHz):	-	14.10	14.30	-
-40dB Bandwidth (Mhz):	-	-	15.74	15.80
-50dB Bandwidth (Mhz):	-	-	15.85	-
Absolute Delay (µsec):	-	-	2.67	-
Group Delay Variation (nSec):	Fo ±6.875	-	60.00	120.00
Ultimate Rejection (dB):	-	50.00	55.00	-
Operating Temperature Range (°C):	-	-	25	-
Temperature Coefficient (KHz/°C):	-	-	-4.32	-
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°C

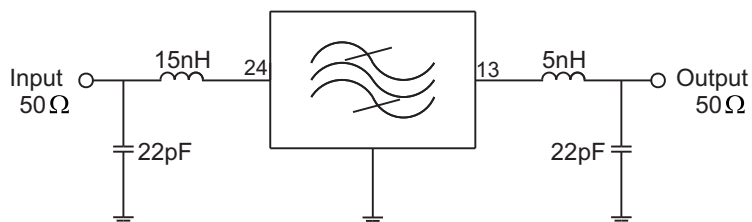
## MECHANICAL DIMENSIONS



Pin	Function
1	Ground
2	Ground
12	Ground
13	Output
14	Ground
24	Input

ALL DIMENSIONS  
IN MILLIMETERS

## MATCHING NETWORK DIAGRAM



## MARKING GUIDE

(Line #1) **AMPLITRONIX**  
 (Line #2) **ABFF0756**  
 (Line #3) **XX Y ZZ**

Week of the Year  
 Last Digit of the Year  
 Amplitronix Manufacturing Code



Part Number: ABFF0756

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