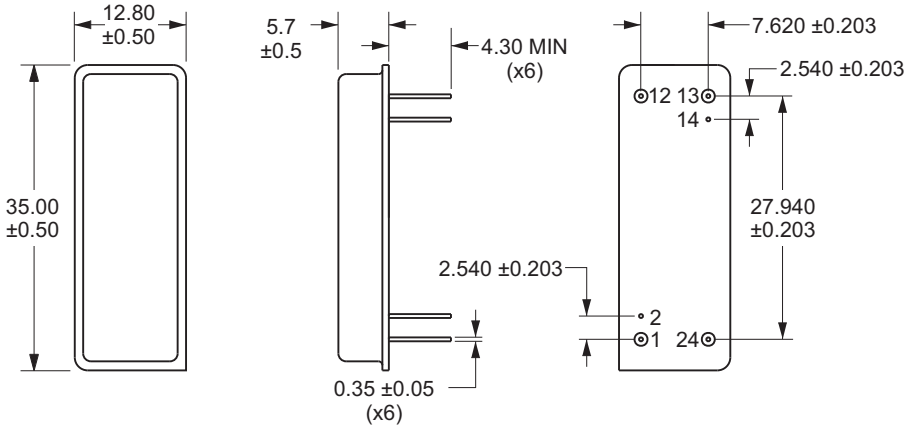
STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	119.85	120.00	120.15
Insertion Loss (dB):	-	-	30.50	32.00
Passband Ripple (dB):	-	-	1.10	1.50
-2dB Bandwidth (MHz):	-	24.10	24.20	-
-3dB Bandwidth (MHz):	-	24.25	24.28	-
-25dB Bandwidth (MHz):	-	-	24.80	24.90
-35dB Bandwidth (MHz):	-	-	24.90	25.20
-45dB Bandwidth (MHz):	-	-	25.10	25.80
-50dB Bandwidth (MHz):	-	-	25.30	26.50
Absolute Delay (µSec):	Fo ±12MHz	-	3.525	-
Ultimate Rejection (dB):	-	50.00	52.00	-
Phase Linearity (degrees):	Fo ±12MHz	-	10.00	-
Operating Temperature Range (°C):	-	-	25	-
Temperature Coefficient (KHz/°C):	-	-	-11.28	-
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

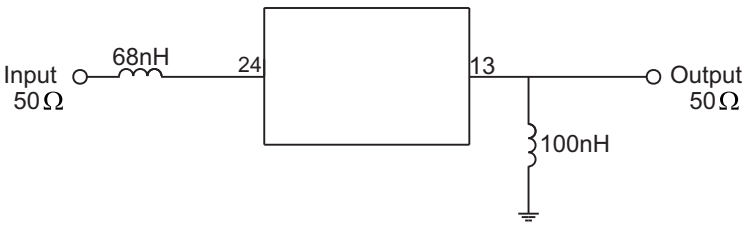
MECHANICAL DIMENSIONS



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) **ABFF06F1**
(Line #3) **XX Y ZZ**

- ZZ — Week of the Year
- Y — Last Digit of the Year
- XX — Amplitronix Manufacturing Code

Amplitronix™
Part Number: ABFF06F1
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