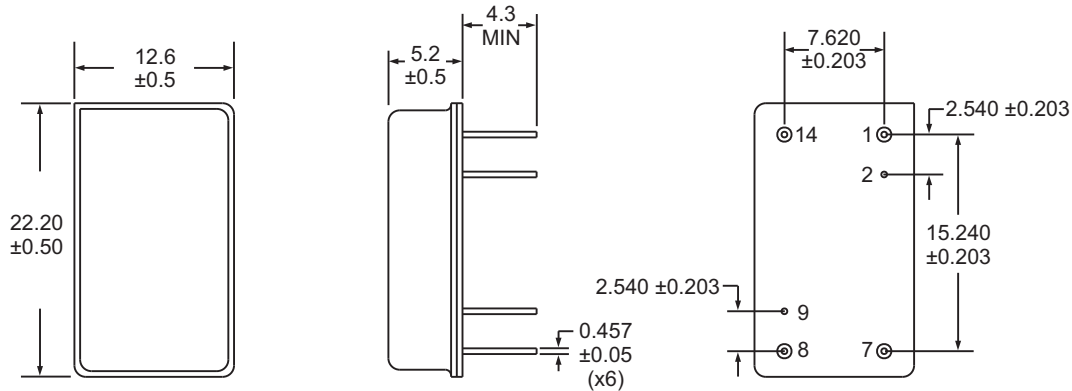


STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	139.75	140.00	140.25
Insertion Loss (dB):	-	-	25.00	26.00
Passband Ripple (dB):	-	-	0.50	0.70
-1dB Bandwidth (MHz):	-	26.40	26.61	-
-3dB Bandwidth (MHz):	-	28.00	28.26	-
-40dB Bandwidth (MHz):	-	-	34.56	36.00
-50dB Bandwidth (MHz):	-	-	35.13	36.40
Phase Linearity (degrees):	Fo ±13MHz	-	3.00	6.00
Group Delay Variation (nSec):	Fo ±13MHz	-	15.00	50.00
Absolute Delay (µsec):	-	-	1.04	-
Ultimate Rejection (dB):	-	50.00	58.00	-
Temperature Coefficient (kHz/°C)	-	-	-11.48	-
Operating Temperature Range (°C):	-	-40	-	+85
Storage Temperature (°C):	-	-45	-	+105
Substrate Material:	-	-	128LN	-
DC Voltage (Vdc):	-	-	0	-
Input Current (in Passband)(dBm):	-	-	-	10
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 = -40°C to +85°C

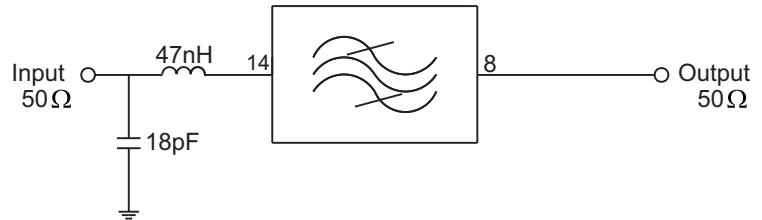
MECHANICAL DIMENSIONS



Pin	Function
1	Ground
2	Ground
7	Ground
8	Output (+)
9	Ground
14	Input (+)

ALL DIMENSIONS
IN MILLIMETERS

MATCHING NETWORK DIAGRAM



MARKING GUIDE

(Line #1) **AMPLITRONIX**
 (Line #2) **ABFF05AF**
 (Line #3) **XX Y ZZ**

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



Part Number: ABFF05AF

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