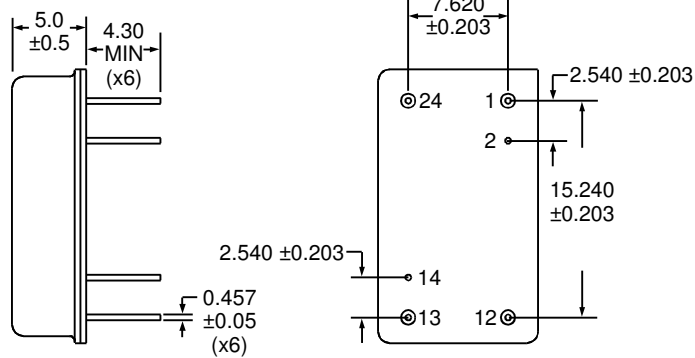
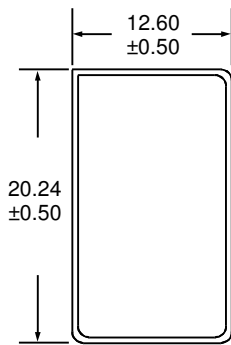


## STANDARD SPECIFICATIONS

Parameter	Minimum	Typical	Maximum
Center Frequency (MHz):	69.80	70.00	70.20
Insertion Loss (dB):	-	24.20	26.00
Passband Ripple (dB):	-	0.30	0.80
-1dB Bandwidth (Mhz):	34.80	35.60	-
-3dB Bandwidth (Mhz):	38.00	38.70	-
-40dB Bandwidth (Mhz):	-	56.70	57.50
Group Delay Variation (nSec):	-	20.00	30.00
Ultimate Rejection (dB):	50.00	55.00	-
Substrate Material:	-	128-LiNbO <sub>3</sub>	-
Operating Temperature Range (°C):	-	25	-
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 = at 25°C

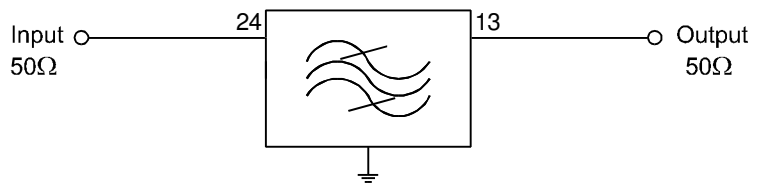
## MECHANICAL DIMENSIONS



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) **ABFF04B0**  
 (Line #3) **XX Y ZZ**

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



**Part Number:** ABFF04B0

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