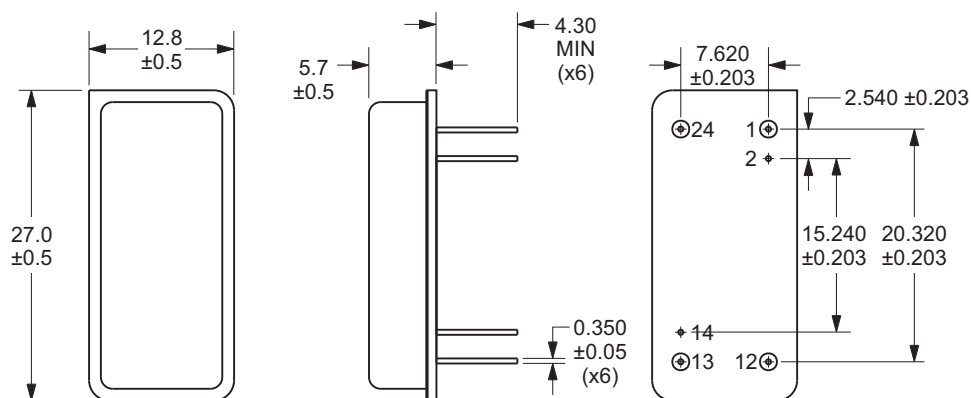


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	43.90	44.00	44.10
Insertion Loss (dB):	-	-	21.00	22.00
Passband Ripple (dB):	-	-	0.40	0.50
-1dB Bandwidth (MHz):	-	5.50	5.70	-
-3dB Bandwidth (MHz):	-	6.00	6.10	-
-40dB Bandwidth (MHz):	-	-	7.58	7.67
-50dB Bandwidth (MHz):	-	-	7.73	-
Group Delay Variation (nSec):	Fo ±2.5MHz	-	50.00	-
Absolute Delay (µSec):	-	-	2.35	-
Ultimate Rejection (dB):	-	50.00	59.00	-
Operating Temperature Range (°C):	-	-	25	-
Temperature Coefficient (ppm/°C):	-	-	-3.608	-
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	Output
13	Ground
14	Ground
24	Input

ALL DIMENSIONS  
IN MILLIMETERS

## MATCHING NETWORK DIAGRAM



## MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF0643**

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

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



**Part Number:** ABFF0643

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