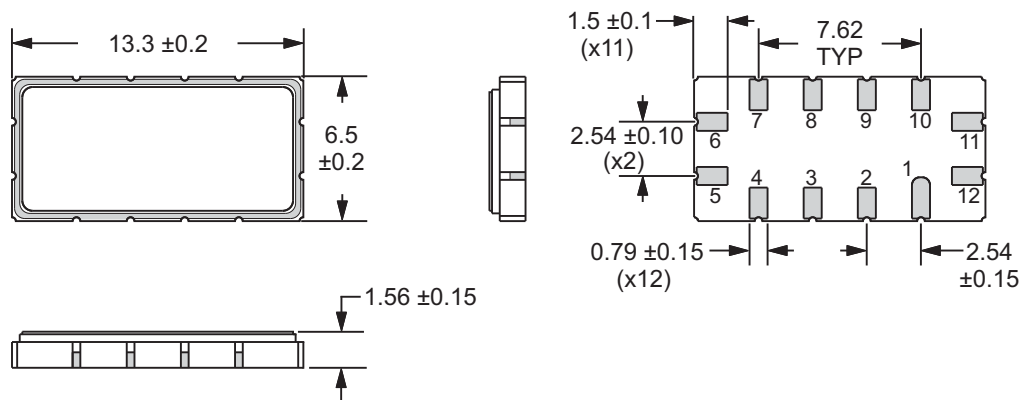


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	139.70	140.00	140.30
Insertion Loss (dB):	-	-	9.00	13.00
Passband Ripple (dB):	80% of -3dB BW	-	0.50	1.00
-1dB Bandwidth (MHz):	-	15.00	16.00	-
-3dB Bandwidth (MHz):	-	16.00	16.90	-
-35dB Bandwidth (MHz):	-	-	20.50	21.50
-40dB Bandwidth (MHz):	-	-	21.20	-
Phase Linearity (degrees):	80% of -3dB BW	-	10.00	14.00
Group Delay Variation (nSec):	80% of -3dB BW	-	100.00	160.00
Absolute Delay (µsec):	-	-	1.02	-
Operating Temperature Range (°C):	-	-	25	-
Temperature Coefficient (KHz/°C):	-	-	-13.16	-
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

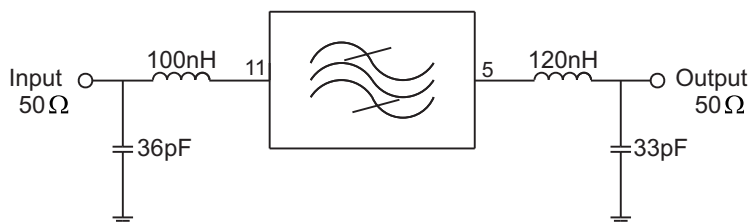
## MECHANICAL DIMENSIONS



Pin	Function
1-4	Ground
5	Output
6-10	Ground
11	Input
12	Ground

ALL DIMENSIONS  
IN MILLIMETERS

## MATCHING NETWORK DIAGRAM

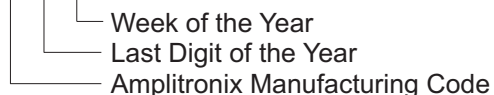


## MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF04E4**

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



**NOTE: RoHS Compliant (Pb-free)**



Part Number: ABFF04E4

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