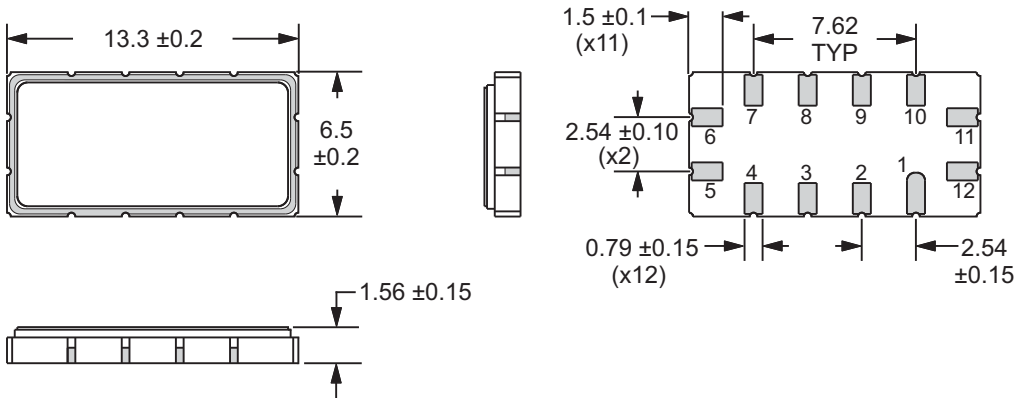


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	139.70	140.00	139.30
Insertion Loss (dB):	-	-	10.00	12.50
Passband Ripple (dB):	-	-	0.40	1.00
-1dB Bandwidth (MHz):	-	2.50	3.03	-
-3dB Bandwidth (MHz):	-	3.50	3.95	-
-40dB Bandwidth (MHz):	-	-	7.18	8.00
Ultimate Rejection (dB):	-	-	42.00	-
Group Delay Variation (nSec):	Fo ±0.6MHz	-	60.00	100.00
Absolute Delay (µsec):	-	-	0.85	-
Phase Linearity (degrees):	Fo ±0.6MHz	-	3.00	6.00
Operating Temperature Range (°C):	-	-40	25	85
Temperature Coefficient:(kHz/°C):	-	-	-2.52	-
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

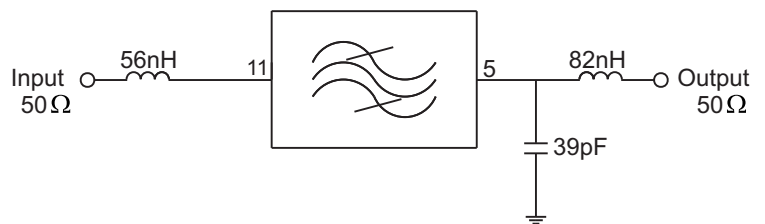
## MECHANICAL DIMENSIONS



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

ALL DIMENSIONS  
IN MILLIMETERS

## MATCHING NETWORK DIAGRAM



## MARKING GUIDE

(Line #1) **AMPLITRONIX**  
 (Line #2) **ABFF04DA**  
 (Line #3) **XX Y ZZ**

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

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



Part Number: ABFF04DA

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