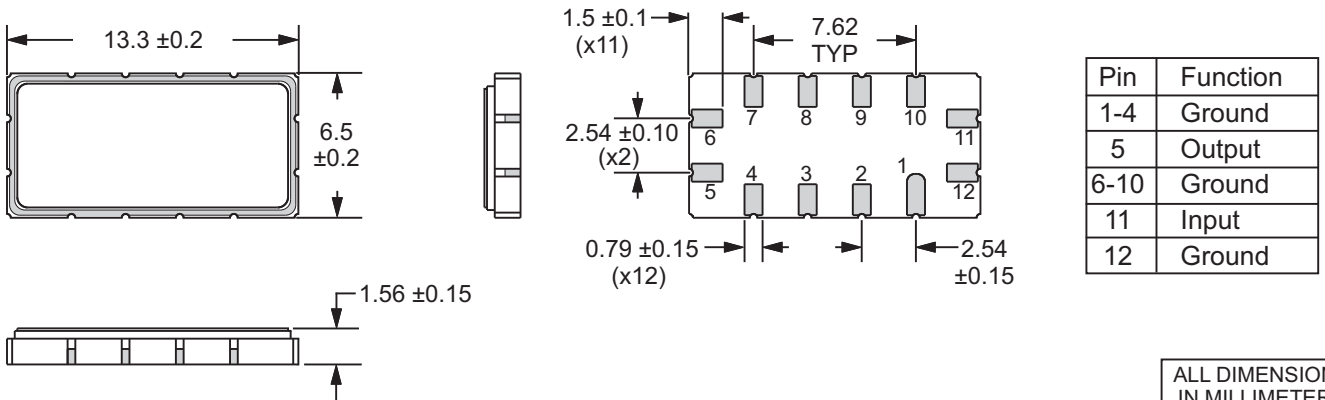


## STANDARD SPECIFICATIONS

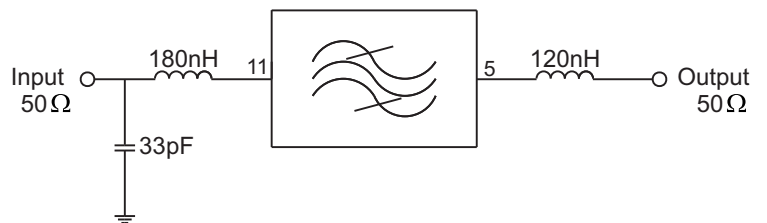
Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	69.80	70.00	70.20
Insertion Loss (dB):	-	-	16.00	18.50
Passband Ripple (dB):	-	-	0.80	1.00
-1dB Bandwidth (MHz):	-	28.75	29.54	-
-3dB Bandwidth (MHz):	-	30.00	30.86	-
-40dB Bandwidth (MHz):	-	-	36.16	38.10
Phase Linearity (degrees):	Fo ±13.5MHz	-	3.00	-
Group Delay Variation (nSec):	Fo ±13.5MHz	-	25.00	90.00
Absolute Delay (µsec):	-	-	0.98	-
Ultimate Rejection (dB):	-	-	45.00	-
Operating Temperature Range (°C):	-	-	25	-
Temperature Coefficient (KHz/°C):	-	-	-6.58	-
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



## MATCHING NETWORK DIAGRAM



## MARKING GUIDE

(Line #1) **AMPLITRONIX**  
 (Line #2) **ABFF04CB**  
 (Line #3) **XX Y ZZ**

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

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



Part Number: ABFF04CB

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