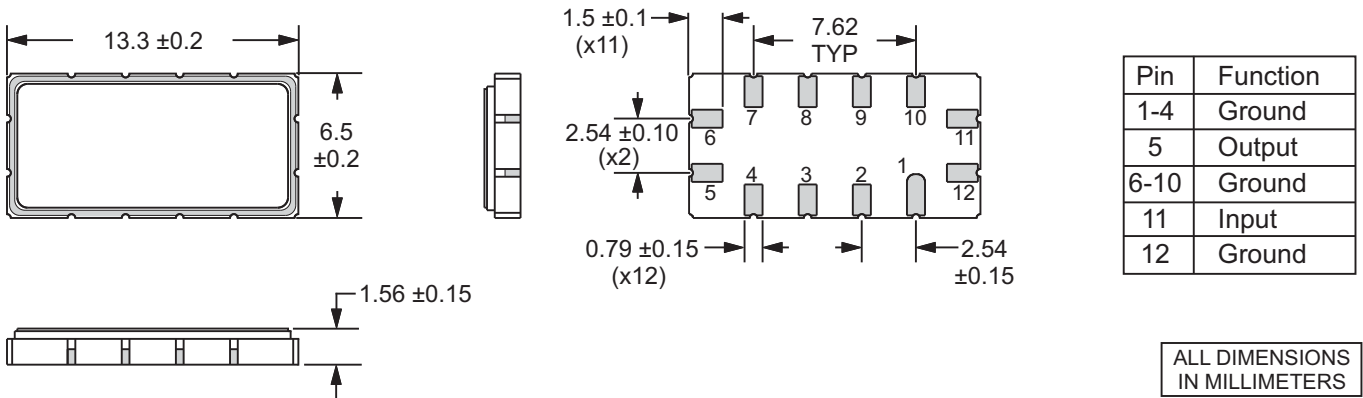


STANDARD SPECIFICATIONS

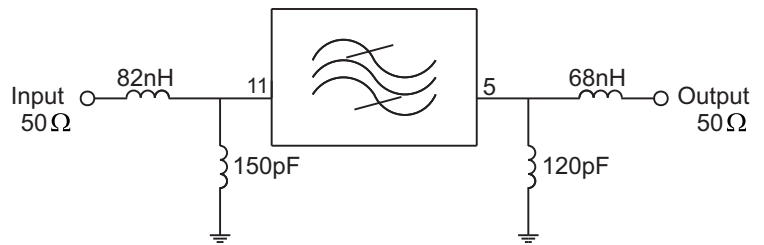
Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	139.80	140.00	140.20
Insertion Loss (dB):	-	-	10.10	13.00
Passband Ripple (dB):	Fo ±2.5MHz	-	0.90	1.00
-1dB Bandwidth (MHz):	-	4.90	5.04	-
-3dB Bandwidth (MHz):	-	-	5.91	-
-35dB Bandwidth (MHz):	-	-	8.97	9.20
Ultimate Rejection (dB):	Inside of Fo ±10MHz	37.00	41.00	-
	Outside of Fo ±10MHz	40.00	47.00	-
Group Delay Variation (nSec):	Fo ±2.0MHz	-	140.00	200.00
Absolute Delay (µsec):	-	-	1.00	-
Temperature Coefficient (kHz/°C):	-	-	-2.52	-
Operating Temperature Range (°C):	-	-	25	-
Substrate Material:	-	-	112LT	-
DC Voltage (Vdc):	-	-	0	-
Input Power (dBm):	-	-	-	10
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) **ABFF04DC**
 (Line #3) **XX Y ZZ**

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

NOTE: RoHS Compliant (Pb-free)



Part Number: ABFF04DC

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