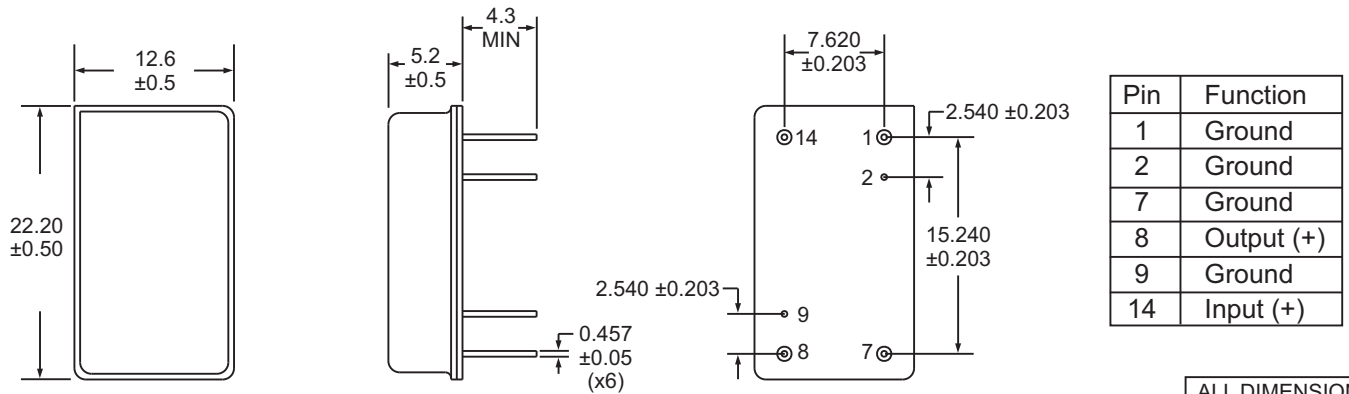


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	53.70	53.80	53.90
Insertion Loss (dB):	-	-	22.50	24.00
Passband Ripple (dB):	-	-	0.50	1.00
-1dB Bandwidth (MHz):	-	7.10	7.20	-
-3dB Bandwidth (MHz):	-	7.40	7.76	-
-40dB Bandwidth (MHz):	-	-	9.40	9.70
Phase Linearity (degrees):	Fo ±3.0MHz	-	3.00	5.00
Group Delay Variation (nSec):	Fo ±3.0MHz	-	60.00	100.00
Ultimate Rejection (dB):	-	50.00	55.00	-
Operating Temperature Range (°C):	-	-	25	-
Material Temperature Coefficient (kHz/°C)::	-	-	-4.4116	-
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



ALL DIMENSIONS  
IN MILLIMETERS

## MATCHING NETWORK DIAGRAM

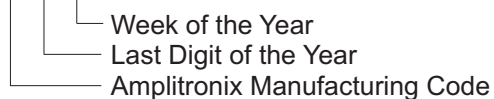


## MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF0648**

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



**Part Number:** ABFF0648

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