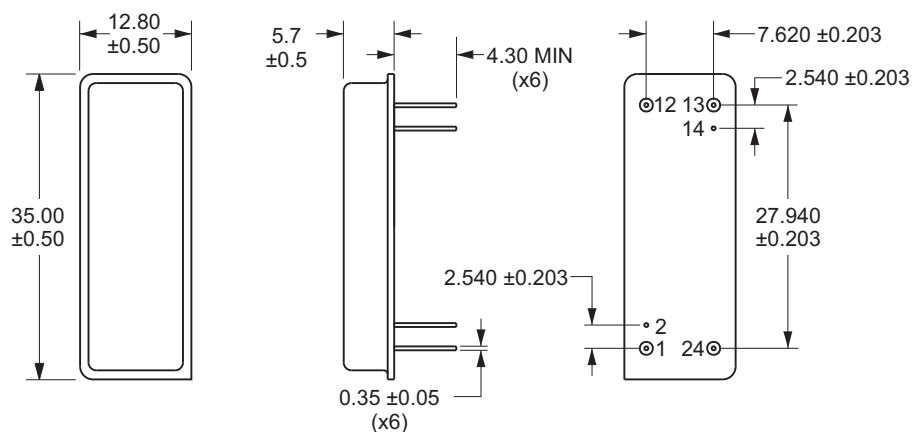


STANDARD SPECIFICATIONS

Parameter	Minimum	Typical	Maximum
Center Frequency (MHz):	69.95	70.00	70.05
Insertion Loss (dB):	-	30.05	32.50
Passband Ripple (dB):	-	1.00	1.50
-1dB Bandwidth (MHz):	-	14.68	-
-3dB Bandwidth (MHz):	15.20	15.25	-
-40dB Bandwidth (Mhz):	-	15.97	16.00
-50dB Bandwidth (Mhz):	-	16.05	-
Absolute Delay (μSec):	-	3.89	4.00
Ultimate Rejection (dB):	45.00	50.00	-
Operating Temperature Range (°C):	-	25	-
Substrate Material:	-	YZ LiNbO ₃	-
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	Ground
2	Ground
12	Ground
13	Output
14	Ground
24	Input

ALL DIMENSIONS
IN MILLIMETERS

MATCHING NETWORK DIAGRAM



MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF0538**

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

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



Part Number: ABFF0538

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