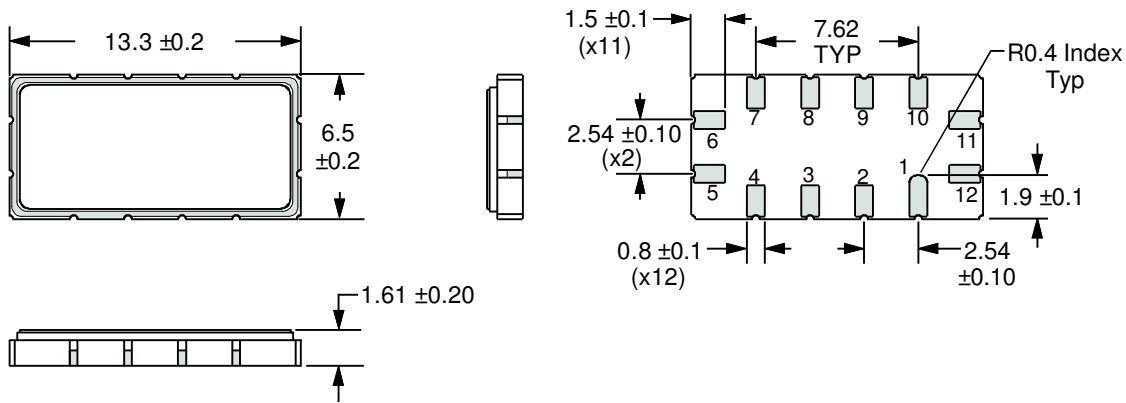


## STANDARD SPECIFICATIONS

Parameter	Condition	Minimum	Typical	Maximum
Center Frequency (MHz):	-	-	81.500	-
0.5dB Passband Width (MHz):	-	-	±11.50	-
Insertion Loss (dB):	70.0MHz -93.0MHz	-	-	25.00
Amplitude Variation (dB):	70.0MHz -93.0MHz	-	0.50	1.00
Relative Rejection (dBc):	Fo -20MHz	45.00	-	-
	Fo +20MHz	45.00	-	-
Phase Linearity:	70.0MHz -93.0MHz	-	-	1.50
Operating Temperature Range (°C):	-	-40	25	85
Storage Temperature Range (°C):	-	-40	25	85
Input Power (in Passband)(dBm):	-	-	-	10.0
DC Voltage (Vdc):	-	-	-	15.0
Terminating Source Impedance (Ohms):	-	-	50	-
Termination Load Impedance (Ohms):	-	-	50	-
Substrate Material:	-	-	<b>TBD</b>	-

**Comments:** Unless otherwise specified, all of the above specifications are under the following conditions:  
 Operating Temperature = -40 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 CONFIGURATION

TBD

### MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF045F**

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

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



**Part Number:** ABFF045F

3545-B Cadillac Avenue • Costa Mesa, CA 92626-1401 • (714) 918-4752 • Fax (714) 918-4760