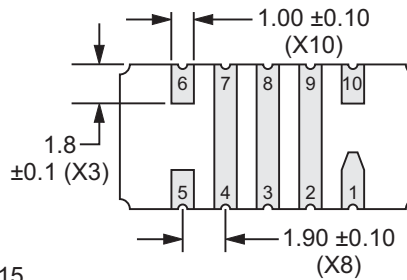
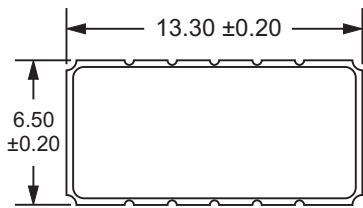


STANDARD SPECIFICATIONS

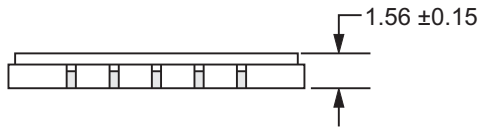
| Parameter | Condition | Minimum | Typical | Maximum |
|--|-----------|---------|---------|---------|
| Center Frequency (MHz): | - | 139.80 | 140.00 | 140.20 |
| Insertion Loss (dB): | - | - | 19.70 | 22.50 |
| Passband Ripple (dB): | - | - | 0.70 | 0.87 |
| -1dB Bandwidth (MHz): | - | 14.00 | 15.07 | - |
| -3dB Bandwidth (MHz): | - | 14.80 | 16.12 | - |
| -40dB Bandwidth (MHz): | - | - | 19.540 | 20.688 |
| -50dB Bandwidth (MHz): | - | - | 19.90 | - |
| Absolute Delay (μ Sec): | - | - | 1.11 | - |
| Ultimate Rejection (dB): | - | 45.00 | 50.00 | - |
| Operating Temperature Range ($^{\circ}$ C): | - | - | 25 | - |
| Temperature Coefficient (KHz/ $^{\circ}$ C): | - | - | -13.16 | - |
| 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 $^{\circ}$ C

MECHANICAL DIMENSIONS



| Pin | Function |
|-----|----------|
| 1-4 | Ground |
| 5 | Output |
| 6-9 | Ground |
| 10 | Input |



ALL DIMENSIONS
IN MILLIMETERS

MATCHING NETWORK DIAGRAM

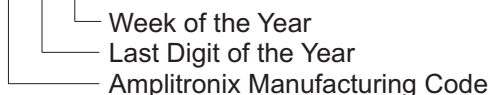


MARKING GUIDE

(Line #1) **AMPLITRONIX**

(Line #2) **ABFF05FC**

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



NOTE: RoHS Compliant (Pb-free)



Part Number: ABFF05FC

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