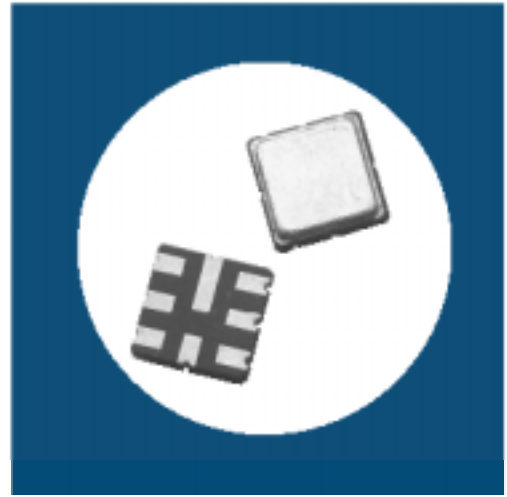


**Features:**

- 3-Pole IF Filter Performance
- Low Profile Seam Weld Package
- Excellent Shock and Vibration Capability

**Description and Applications:**

Surface mount 3.8x3.8mm IF filter for use in analog phones, the analog component of multi-mode phones, digital TDMA applications, two-way radios, and telecommunications infrastructure

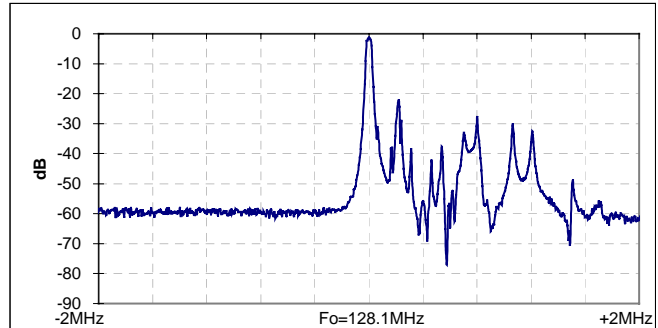
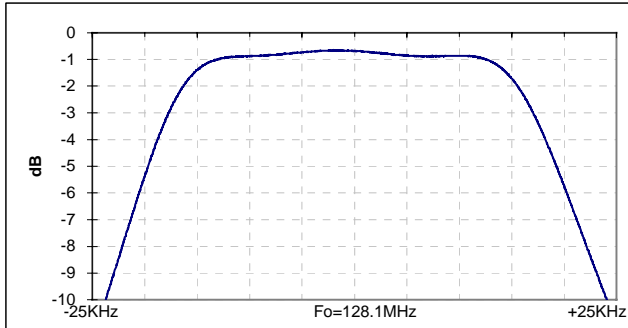


**Electrical Specifications:**

<b>ATFN6030A</b>	<b>Specification</b>
Center Frequency Fo	128.1 Mhz
Insertion Loss	4.0 dB max.
Ripple ( $\pm 15$ KHz)	1.5 dB max.
Passband ( $\pm 15$ KHz)	3.0 dB max.
Stopband ( $\pm 60$ KHz) Stopband ( $\pm 120$ KHz)	20 dB min 30 dB min
Spurious Attenuation +/-120 KHz to +/- 240 KHz +/-240 KHz to +/- 25 MHz	10 dB min 20 dB min
Group Delay (Fo $\pm 15$ KHz)	20 us max
Intermodulation (-20dBm input signal ) ( $\pm 60$ KHz & $\pm 120$ KHz)	70dB min
Terminating Impedance	1000 $\Omega$ // -0.65pF
Operating Temperature	-30°C ~ +85°C

**Crystal Filter**

Filter Response:



Mechanical Dimensions (mm):

