

# Model ATFN6030A

## Crystal Filter

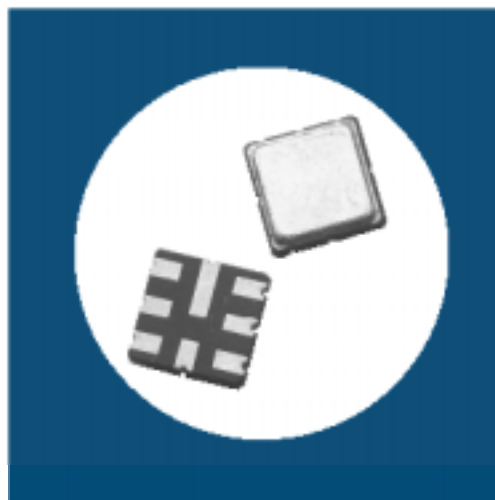


### Features:

- 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



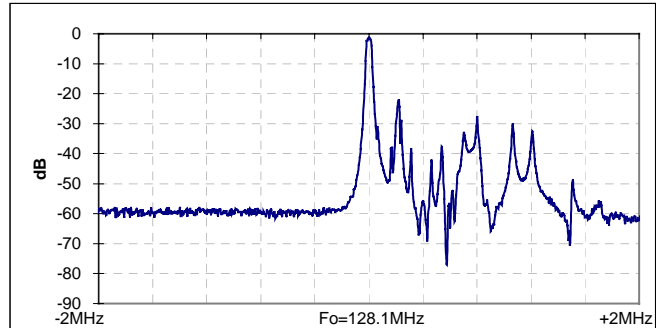
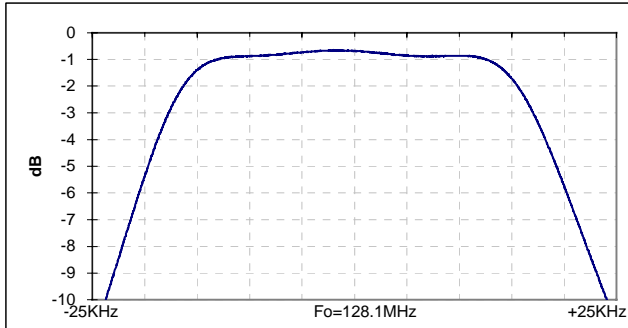
### Electrical Specifications:

ATFN6030A	Specification
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)	20 dB min
Stopband ( $\pm 120$ KHz)	30 dB min
Spurious Attenuation +/-120 KHz to +/- 240 KHz	10 dB min
+/-240 KHz to +/- 25 MHz	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

CTS Wireless Components, Inc. 171 Covington Dr. Bloomingdale, Illinois 60108  
Tel. (800) 757-6686 Fax: (630) 295-6606 www.ctscorp.com

**Crystal Filter**

Filter Response:



Mechanical Dimensions (mm):

