

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

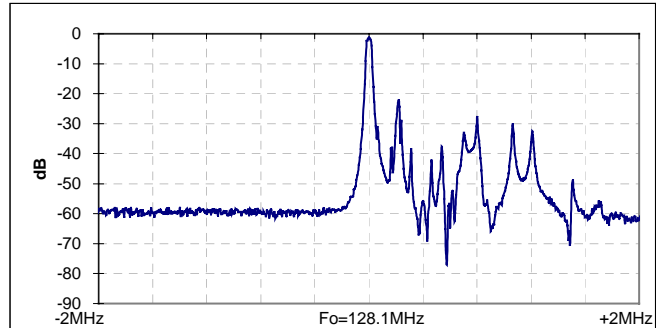
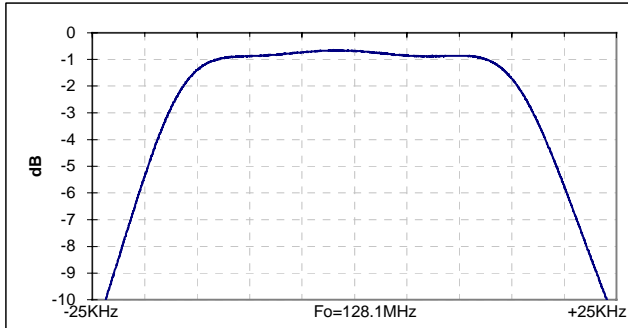


Electrical Specifications:

ATFN6030A	Specification
Center Frequency Fo	128.1 Mhz
Insertion Loss	4.0 dB max.
Ripple (± 15 KHz)	1.5 dB max.
Passband (± 15 KHz)	3.0 dB max.
Stopband (± 60 KHz) Stopband (± 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 ± 15 KHz)	20 us max
Intermodulation (-20dBm input signal) (± 60 KHz & ± 120 KHz)	70dB min
Terminating Impedance	1000 Ω // -0.65pF
Operating Temperature	-30°C ~ +85°C

Crystal Filter

Filter Response:



Mechanical Dimensions (mm):

