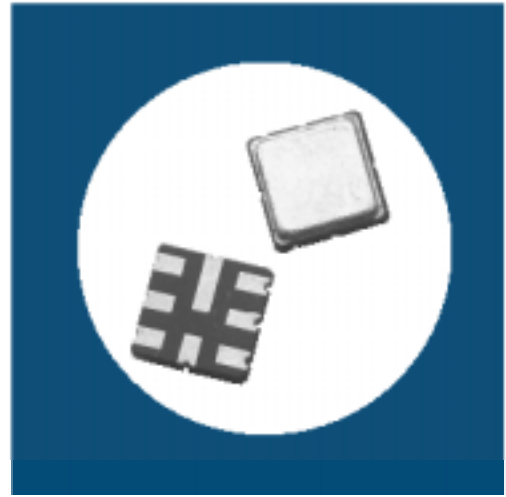


Features:

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

Description and Applications:

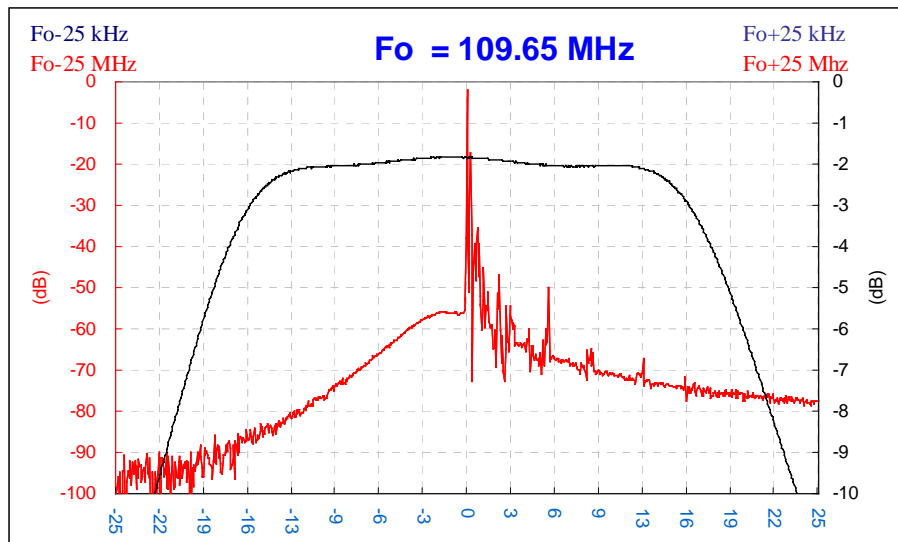
Surface mount 3.8x3.8mm IF filter for use in analog phones, the analog component of multi-mode phones, digital TDMA applications, two-way radios, and telecommunications infrastructure



Electrical Specifications:

ATFN6024A	Specification
Center Frequency Fo	109.65 Mhz (3 rd Overtone)
Insertion Loss	2.5 dB max.
Ripple (\pm 10 KHz)	0.5 dB max.
Passband (\pm 10 KHz)	0.5 dB max.
Stopband (\pm 25 KHz)	3 dB min
Stopband (\pm 60 KHz)	22 dB min
Equalized atten. (A1=1.0, A2=0.5)	
(A1*Fo-60KHz+A2*Fo-120KHz)	45 dB min
(A1*Fo-120KHz+A2*Fo-330KHz)	48 dB min
(A1*Fo+60KHz+A2*Fo+120KHz)	45 dB min
(A1*Fo+120KHz+A2*Fo+330KHz)	48 dB min
Flyback (\pm 25MHz)	7.5 dB min
Group Delay (Fo \pm 12KHz)	20 us max
Intermodulation (-20dBm input signal)	
(\pm 60KHz & \pm 120KHz)	70dB min
(\pm 330KHz & \pm 660KHz)	70dB min
Terminating Impedance	2000 Ω // -0.6pF
Operating Temperature	-40°C ~ +85°C

Filter Response:



Mechanical Dimensions (mm):

