

5558 Union Centre Drive  
West Chester, Ohio 45069-4821  
Phone: 513-870-9060  
Fax: 513-870-9064

## PRESS RELEASE

### FOR IMMEDIATE RELEASE

Contact: Doug King

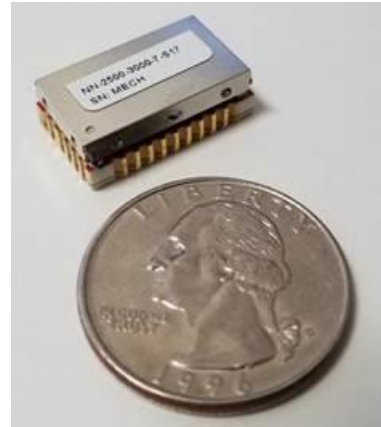
E-mail: [dking@polezero.com](mailto:dking@polezero.com)

Ph: +1-513-870-9060 ext. 145

West Chester, Ohio, USA – January 22, 2020

### POLE/ZERO Next Generation NANO-POLE® High-Performance Miniature 225 to 3000 MHz Bandpass Filters

Pole/Zero has released their next generation line of NANO-POLE® tunable bandpass filters:



- +30 dBm in-band power handling: for BW3dB filters  $\geq 7\%$ . +27 dBm for 5% filters. +23 dBm for 3% filters
- +42 dBm IIP3 typical
- 10  $\mu$ s typical tune time
- 15 dBc typical selectivity at  $f_c \pm 10\%$ : 5%, 3% filters provide more selectivity; yet have higher insertion loss.
- 4 dB typical insertion loss for BW3dB filters  $\geq 7\%$
- +3.0 V @ 3.5 mA typical
- 0.78" x 0.47" x 0.3" (20 mm x 12 mm x 7.62 mm)
- For optimum filter performance, 1.5:1 tuning ratios are recommended

Email [support@polezero.com](mailto:support@polezero.com) for more information and a quotation.

Pole/Zero [www.polezero.com](http://www.polezero.com) designs and manufactures a comprehensive suite of RF interference mitigation products including Tunable Filters, and Integrated Cosite Equipment.