

# New Product Announcement from ATC

## **ATC Introduces the High Performance Thin Film SMT Low Pass Filter HP LPF Series**

December 23, 2016 - Huntington Station, NY --- ATC is pleased to announce the introduction of the High Performance Thin Film SMT Low Pass Filter Series (HP LPF). The HP LPF Series has been designed and manufactured with the highest quality materials in a precision thin film process to provide reliable and repeatable performance. This unique component offers an excellent drop in solution for the most critical wireless frequency applications. These products are offered in low profile 0805 and 1206 EIA packages.

ATC's HP LPF Series offers sharp cut-off response, excellent stop-band rejection, low passband insertion loss with 50 ohm input and output impedance characteristics. Their superb performance makes them well suited for the most demanding wireless frequency filter applications.

The HP LPF Series is fully tested to meet or exceed electrical, environmental and mechanical specifications. They are supplied in tape and reel making them compatible with high speed automated pick-and-place manufacturing.

This new product Series expands our already diverse offering of high performance RF Microwave products and gives the ATC Sales team the opportunity to offer customers a filter product.

### **Features**

- Sharp Cut-off Response
- Excellent Stop-band rejection
- Characteristic Impedance: 50Ω
- No External Matching
- Low Insertion Loss
- Operating Temp: -40°C to +85°C
- Low Profile SMT Package
- Pb Free / RoHS Compliant

### **Typical Applications**

- Wireless Communications (Cellular and PCS)
- Wireless LAN's
- Public Safety Radio (P25)
- LTE
- ISM
- Global Navigation Satellite Systems (GNSS)

Datasheets for these products are now available on ATC's website as a printable pdf.

Click here for [ATC 0805 High Performance Thin Film LPF Data Sheet](#).

Click here for [ATC 1206 High Performance Thin Film LPF Data Sheet](#).

Do not hesitate to contact ATC for additional technical and pricing information as well as product samples.



**AMERICAN**  
ATC North America  
sales@atceramics.com

**TECHNICAL**  
ATC Europe  
sales@atceramics.com

**CERAMICS**  
ATC Asia  
sales@atceramics-asia.com

 **THE**  
**ENGINEERS'**  
**CHOICE®**  
ISO 9001 REGISTERED  
COMPANY

**THE ENGINEERS' CHOICE®**

**www.atceramics.com**