

## New Product Announcement from ATC

### **ATC Introduces 0402 LPF Series Thin Film Land Grid Array Low Pass Filter**

August 9, 2018, Huntington Station, NY ----- ATC is pleased to announce the introduction of the 0402 Land Grid Array (LGA) Thin Film Low Pass Filter Series. The 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 applications. This product is offered in a low profile EIA 0402 LGA package.

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

The HP LPF Series is fully tested to meet or exceed electrical 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 RF Microwave products and gives the ATC Sales team the opportunity to offer customers diverse filter products.

#### **Features:**

- Sharp Cut-off Response
- Excellent Stop-band rejection
- Characteristic Impedance: 50Ω
- Low Insertions Loss
- Operating Temp: -40°C to +85° C
- Low Profile LGA 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)

A datasheet for this product is at: [0402 LPF Series PDF](#). Do not hesitate to contact ATC for additional technical and pricing information as well as product samples.

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