

New Product Announcement from ATC

ATC Introduces 0805 BPF Series, Thin Film Land Grid Array Bandpass Filter

November 14, 2018, Huntington Station, NY ----- --- ATC is pleased to announce the introduction of the 0805 Land Grid Array (LGA) Thin Film Bandpass Filter Series. The BPF 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 solution for the most critical wireless applications. This product is offered in a low profile EIA 0805 LGA package.

ATC's BPF Series offers sharp roll-off characteristics, low passband insertion loss, excellent stop-band rejection, with 50 ohm input and output characteristic impedance for precise transmission line matching. Their superb performance makes them well suited for the most demanding wireless frequency applications. ATC's thin film BPF 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 RF / Microwave products and gives the ATC Sales team the opportunity to offer customers diverse filter products.

Features:

- Low Profile LGA / SMT EIA Package
- Frequency Range: 1220 to 1420 MHz
- Characteristic Impedance: 50Ω
- Low Passband Insertion Loss
- Operating Temperature: -40°C to +85°C
- Pb Free / RoHs Compliant

Typical Applications:

- Wireless Communications
- WLAN's (802.11)
- Public Safety Radio (P25)
- 4G LTE and 5G-NR
- Industrial, Scientific and Medical (ISM)
- Global Navigation Satellite Systems (GNSS)

A datasheet for this product is at: [0805 BPF Band Pass Filters.PDF](#). Do not hesitate to contact ATC for additional technical and pricing information as well as product samples.

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