



For Immediate Release  
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## PASSIVE PLUS, INC. 2225C/P & 3838C/P SERIES UPDATE

**Huntington, New York – September 2018**

PPI offers traditional Hi-Q, Low ESR, Multilayer Ceramic Capacitors. The **2225C/P (.220" x .250")** and **3838C/P (.380" x .380")** case size capacitors have an increased Operating Temperature qualified to 200°C.

These capacitors exhibit Low ESR/ESL, Low Noise, High RF Power, High Self-Resonance, as well as ultra-stable performance over temperature and available in NP0 dielectrics & P90.

Typical Functional Applications: Bypass, Coupling, Tuning, Impedance Matching and D.C. Blocking.  
Typical Circuit Applications: UHF/VHF RF Power Amplifiers, Antenna Tuning, Plasma Chambers and Medical.

Available with Magnetic, or Non-Magnetic terminations.

### **2225C/P series:**

Value Range: 0.5pF - 2700pF

Size: .220" x .250"

WVDC: 2500V

**Extended WVDC: 3600V**

TCC: C: 0 ±30 PPM/°C (-55°C - +200°C)

P: 90 ±20 PPM/°C (-55°C - +200°C)

### **3838C/P series:**

Value Range: 0.5pF – 5100pF

Size: .380" x .380"

WVDC: 3600V

**Extended WVDC: 7200V**

TCC: C: 0 ±30 PPM/°C (-55°C - +200°C)

P: 90 ±20 PPM/°C (-55°C - +200°C)

2225C/P and 3838C/P Series capacitors can also be incorporated into Custom Assemblies for these types of applications. All assembly components receive 100% Partial Discharge and 100% Sonoscan for internal defects prior to assembly. Final assemblies then receive 100-hour Military Burn-in, assuring highest quality and reliability.

With over 30 years in the RF/Microwave industry, Passive Plus, Inc. manufactures high quality, high power passive components using state-of-the-art manufacturing techniques. Specializing in Magnetic & Non-Magnetic HI-Q/Low ESR Capacitors product lines, PPI supplies reliable quality components to the Military, Medical, Semiconductor, Broadcast and Telecommunications industries.

Contact Passive Plus directly at (631) 425-0938 or [sales@passiveplus.com](mailto:sales@passiveplus.com) for quotes, pricing, orders, custom assembly requests or specific engineering questions.