



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

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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
C=NP0 TC: 0 ±30 PPM/°C (-55°C - +200°C)
P=P90 TC: 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
C=NP0 TC: 0 ±30 PPM/°C (-55°C - +200°C)
P=P90 TC: 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 for quotes, pricing, orders, custom assembly requests or specific engineering questions.