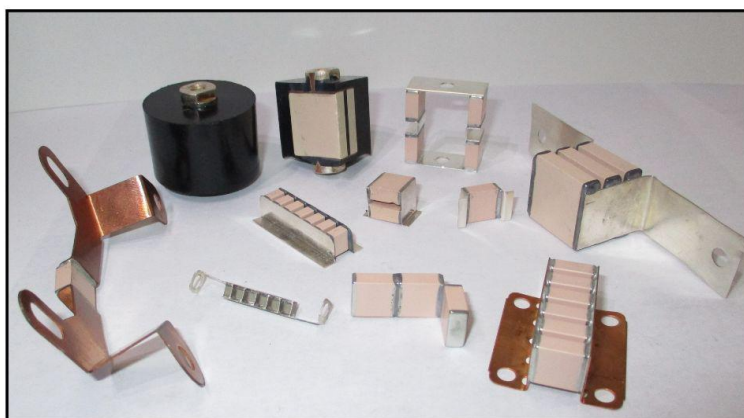
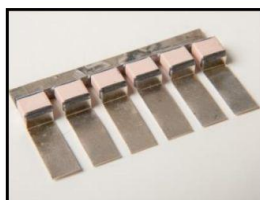
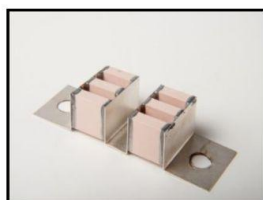
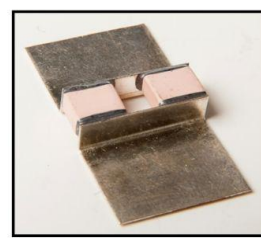
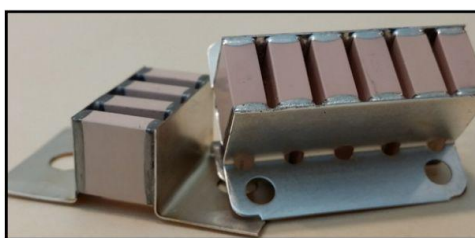
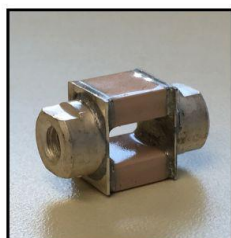
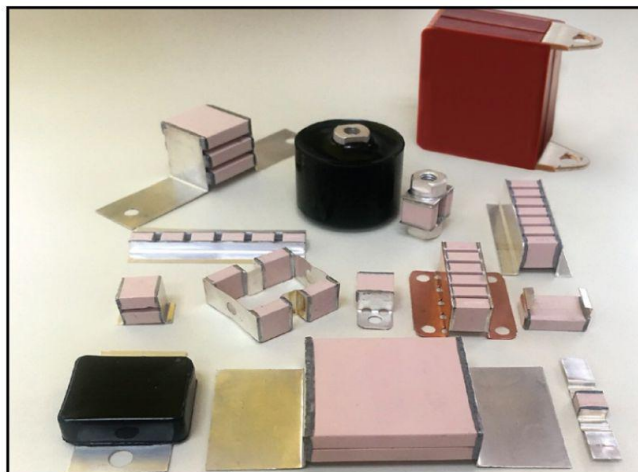




UHF/RF High-Q Power Transmitter
Multi-Layer Ceramic Capacitors

Custom Capacitor Assemblies



*Marking shown for illustration purposes only.
Actual marking may differ.*

Please contact PPI (sales@passiveplus.com) to discuss custom assembly options.

www.passiveplus.com

+1 (631) 425-0938

sales@passiveplus.com
PPICUSTOMASSEMBLIES020326RevA

PPI
Passive Plus
RF & Microwave Components



UHF/RF High Q Power Transmitter Capacitors (NP0 TC)
Multi-Layer Ceramic Capacitors

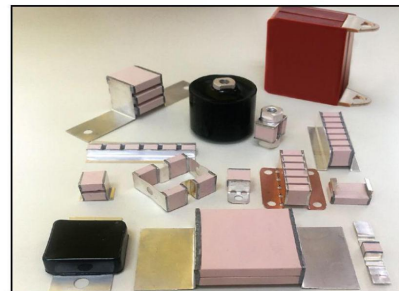
Custom Capacitor Assemblies

Product Features

High Operating Voltage, High Operating Current, Extended Capacitance, Tighter Tolerances, High Reliability, High Q, Ultra-low ESR, Non-Magnetic

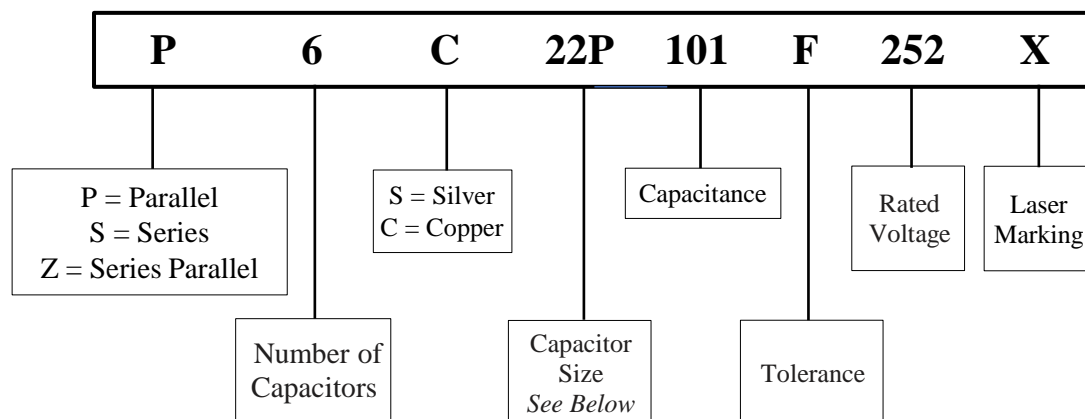
Typical Applications Field

High Power RF, Medical Electronics, Broadcast, Semiconductor Manufacturing
High Magnetic Environments, Inductive Heating



Marking shown for illustration purposes only. Actual marking may differ.

Part Numbering



Capacitor Size:

11 = 1111; 22 = 2225; 38 = 3838; 60 = 6040; 76 = 7676

Capacitance: For capacitor values requiring 3 significant digits, e.g. 1222.5pF=1222R5

e.g. P6S22P101F252X

Silver bracket assembly with six 2225C pieces in parallel, Capacitance is 100pF, Capacitance tolerance is $\pm 1\%$, WVDC is 2500 V and Laser marking.

e.g. S2S25C1222R5G203X

Silver bracket assembly with two 2225C pieces in series, Capacitance is 1222.5pF, Capacitance tolerance is $\pm 2\%$, WVDC is 20,000V and Laser marking.

Capacitance and Voltage

By Buyer's requirements using existing drawings, mechanical sketches, or we can help with capable modeling of assemblies thermal rise predictions.



UHF/RF High-Q Power Transmitter
Multi-Layer Ceramic Capacitors

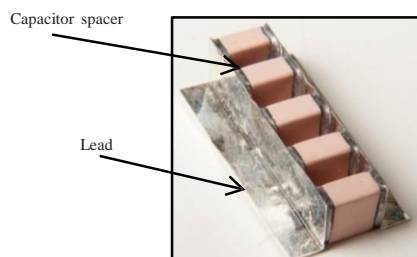
Custom Capacitor Assemblies

≠ Typical Assembly Configurations

≠ Parallel Assemblies

unit:inch (millimeter)

	1111C/P	22225C/P	3838C/P	6040C	7676C
Lead Material	Silver plated Copper or Silver				
Lead Thickness	.004 or .010 (0.1 or 0.25)			.010 or .020 (0.25 or 0.51)	
Lead Length (max.)	.50 (12.7)	.75 (19.8)		2.0 (50.8)	
Capacitor Spacer (typ.)	.050 or .078 (1.3 or 2)			.090 (2.3)	.050 or .157 (1.3 or 4)
Mounting Configuration	Horizontal / Vertical				



3838 Series/Parallel Combination



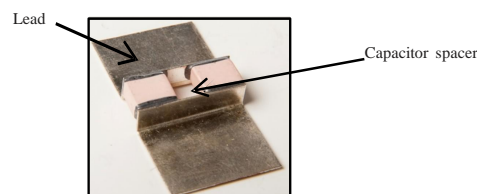
Marking shown for illustration purposes only.
Actual marking may differ.

≠ Series Assemblies

unit:inch (millimeter)

	22225C/P	3838C/P	6040C	7676C
Lead Type	L Bracket			
Lead Material	Silver plated Copper or Silver			
Lead Thickness	.010 (0.25)		.010 or .020 (0.25 or 0.51)	
Lead Length (max.)	.75 (19.8)	1.0 (25.4)		
Capacitor Spacer (typ.)	.050 or .157 (1.3 or 4)			
Mounting Configuration	Horizontal			

- Epoxy Molding Available



Other Assemblies: By Buyer's requirement. Contact PPI.

Marking shown for illustration purposes only.
Actual marking may differ.