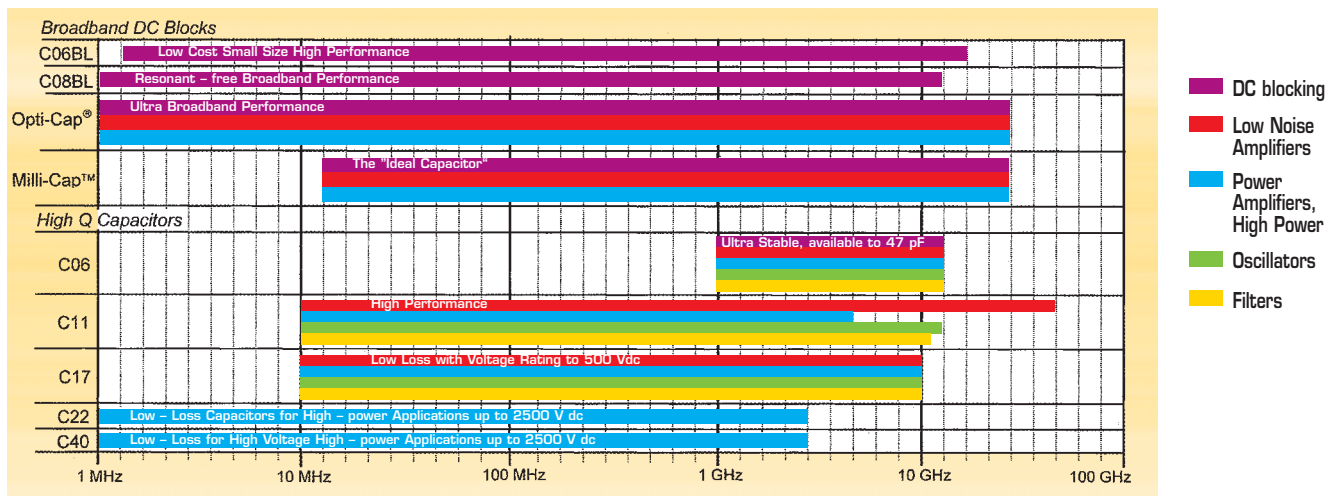


# High Q Multi-Layer and Broadband Blocking Capacitors

<b>C04</b> 0.040" x 0.020" 0.1-10pF Ultra Low ESR 200V Max Filters, Synthesizers VCOs ~30GHz	<b>C06</b> 0.060" x 0.030" 0.1-100pF Max WVDC 250V Amplifiers Filters ~20GHz	<b>C08</b> 0.080" x 0.050" 0.1-100pF Ultra Low ESR 1000V Max Power Amps ~10GHz	<b>C11</b> 0.055" x 0.055" 0.1-100pF Max WVDC 250V Power Amps ~10GHz	<b>C17</b> 0.110" x 0.110" 0.1-1000pF Max WVDC 1000V Power Amps ~10GHz
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available in Ultra-Low ESR Material

<b>C22</b> 0.220" x 0.245" 1-2700pF Max WVDC 2500V Max MRI RF-High Power ~3GHz	<b>C40</b> 0.380" x 0.380" 1-5100pF Max WVDC 7200V Max MRI RF-High Power ~200MHz	<b>Broadband DC Blocks</b> C04/C06/C08 Broadband DC Blocks. O402, O603 and O805 EIA case size. 1MHz - 20GHz for C08 (2400pF) 2MHz - 30GHz for C06 (850pF) 5MHz - 30GHz for C04 (120pF)	<b>Opti-Cap®</b> O402/O603 Ultra broadband capacitor. Resonant free DC blocking from 10kHz to 40GHz	<b>Milli-Cap®</b> P21/P42/P02/P62 Surface Mount (SMD) Millimeter-Wave Capacitor. Ideal for Matching filters & SONET applications 20MHz - 40GHz
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## Multilayer Capacitor part Number Identification

<b>C 17 AH 100 J 4 U X - T</b>						
<b>Product</b> C = Multilayer	<b>Material</b> AH = P90 CF = NPO High-Q MS = NPO High-Q UL = Ultra Low ESR BL = DC Blocking	<b>Tolerance</b> A = ± 0.05pF B = ± 0.10pF C = ± 0.25pF D = ± 0.50pF F = ± 1% G = ± 2% J = ± 5% K = ± 10% X = ± GMV	<b>Voltage</b> 5 = 50V 1 = 100V 8 = 150V 6 = 200V 9 = 250V 3 = 300V 4 = 500V 7 = 1000V A = 1500V B = 2500V D = 3600V H = 7200V	<b>Termination</b> U = Ni Barrier, Solder Plate P = Ag barrier Palladium flash Z = Lead-Free finish Ni Barrier, Sn Plate S = Ni Barrier, Au Flash	<b>Test Level</b> X = Standard level 2 A = Mil Pref-55681 Group A C = Mil-Pref-55681 Group C D = Per Customer Drawing	<b>Packaging</b> T = Tape Horizontal V = Tape Vertical W = Waffle Pack B = Bulk  <b>Laser marking</b> Omit for No Laser Mark L = Single Side Mark D = Double Side Mark V = Vertical Only MS and UL parts cannot be laser marked
<b>Case Size</b> 04 = .040" x .020" 06 = .060" x .030" 08 = .080" x .080" 11 = .055" x .055" 17 = .110" x .110" 22 = .220" x .250" 40 = .380" x .380"	<b>Capacitance</b> 1R0 = 1pF 5R1 = 5.1pF 100 = 10pF 101 = 100pF 272 = 2770pF					