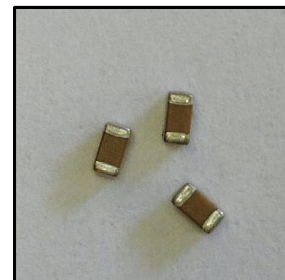


**0603BB104KW101**
(0.060" x 0.030")

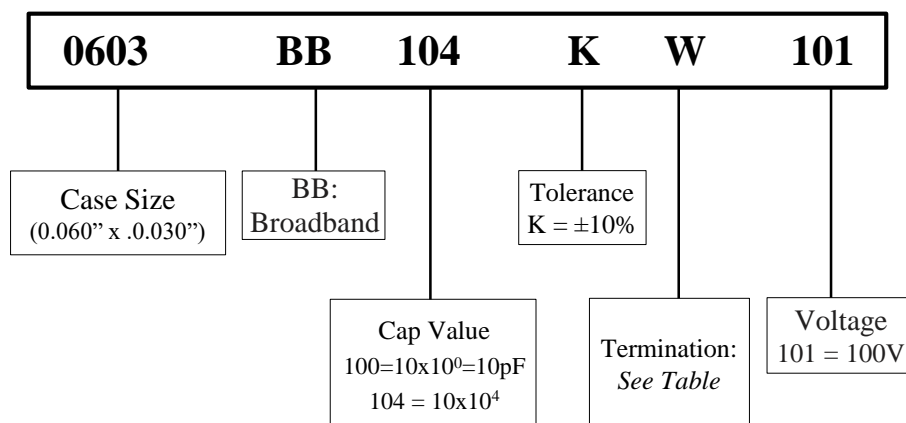
⚡ PPI Broadband Capacitors are subjected to standard measurements (Capacitance, TCC, DWV), and extensive RF Characteristics testing. This guarantees every lot will meet or exceed expectations.

⚡ Product Features

• Typical Operating Frequency Range	16 kHz (-3dB point) to > 20 GHz
• Insertion Loss	< 1.2dB, typical
• Tape & Reel	10K pcs/reel; Lower quantities available in cut tape
• Capacitance	100nF
• Operating Temperature Range	-55°C to +125°C
• Temperature Coefficient of Capacitance (TCC)	(±15%, -55°C to +125°C)
• Rated Voltage	100 WVDC
• Dielectric Withstanding Voltage (DWV)	250% of rated WVDC for 5 seconds



⚡ Part Numbering



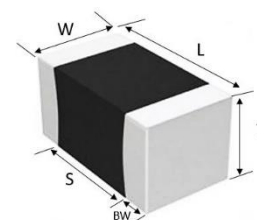
⚡ Terminations

Code	Termination
W	Tin Plated over Nickel Barrier (RoHS Compliant)
G	Gold Epoxy Mount Only
L	Tin/Lead (90%Sn/10%Pb)



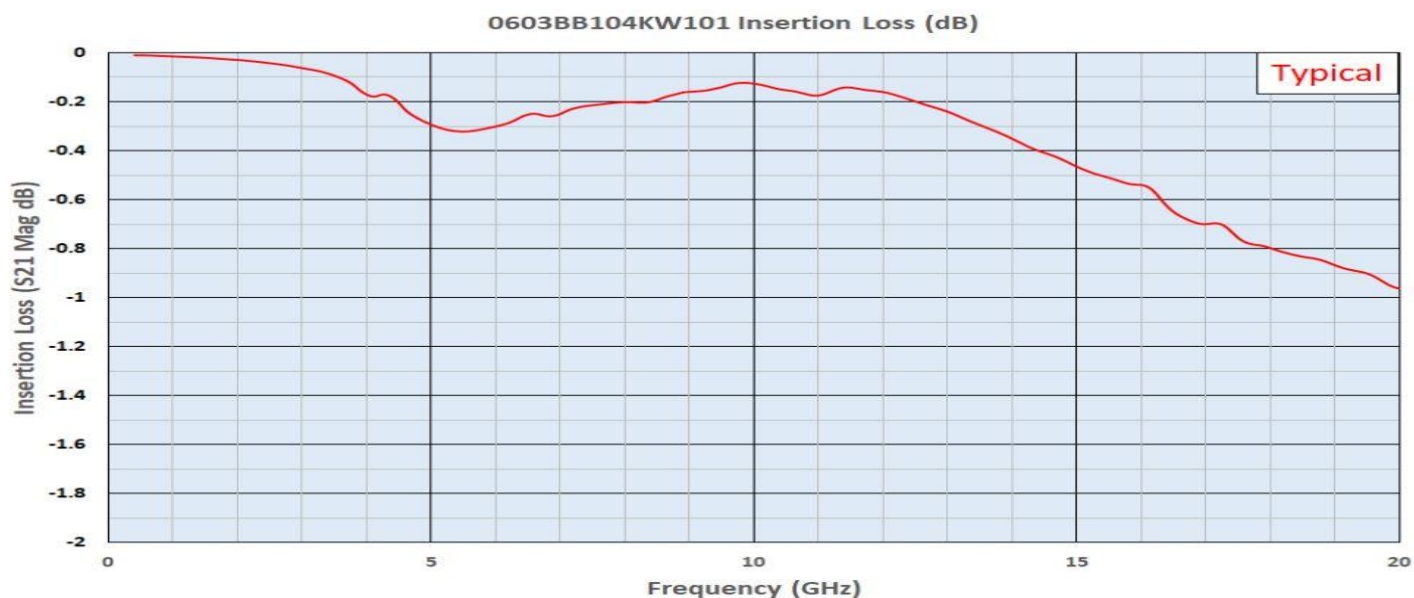
⚡ Capacitor Dimensions

Length	Width	Thickness	Gap
L	W	T	S
0.060 in. ± 0.006 (1.52mm ± 0.15mm)	0.030 in. ± 0.006 (0.76mm ± 0.15mm)	0.035 in. MAX (0.890 mm MAX)	0.020 in. MIN (0.510 min MIN)





⚡ Performance Curves



⚡ Test Conditions

Typical responses for sample placed across a 36 mil (0.914 mm) gap between 29.0 mil (0.737 mm) wide trace on 13.3-mil Rogers RO4350B.

Measured data was de-embedded using TRL calibration procedures.